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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), ADAK, A--ETC(U)
JUN 78

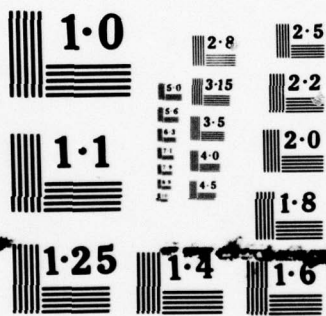
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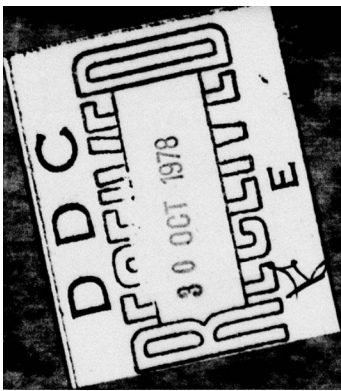
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Frame 1	Frame 2	Frame 3	Frame 4	Frame 5	Frame 6	Frame 7	Frame 8	Frame 9	Frame 10	Frame 11	Frame 12
Frame 13	Frame 14	Frame 15	Frame 16	Frame 17	Frame 18	Frame 19	Frame 20	Frame 21	Frame 22	Frame 23	Frame 24
Frame 25	Frame 26	Frame 27	Frame 28	Frame 29	Frame 30	Frame 31	Frame 32	Frame 33	Frame 34	Frame 35	Frame 36
Frame 37	Frame 38	Frame 39	Frame 40	Frame 41	Frame 42	Frame 43	Frame 44	Frame 45	Frame 46	Frame 47	Frame 48
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NATIONAL BUREAU OF STANDARDS
MICROCOPY RESOLUTION TEST CHART



REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Summary of Meteorological Observations, Surface (SMOS) Adak, Alaska		5. TYPE OF REPORT & PERIOD COVERED Reference report 1950-1977
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) Naval Weather Service Detachment Asheville, N. C. 28801		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Weather Service Detachment Federal Building Asheville, N. C. 28801		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Director, Naval Oceanography and Meteorology National Space Technology Laboratories NSTL Station, MS 39529		12. REPORT DATE June 1978
		13. NUMBER OF PAGES 358
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) Unclassified
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, Naval shore facility, coastal region, snow depth, cloud cover, Adak, Alaska		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure		

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DDC	Buff Section <input type="checkbox"/>
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JUSTIFICATION	
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Dist.	Avail and/or SPECIAL
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STATION NO. OR SUMMARY 25704	STATION NAME Adak, Alaska	LATITUDE 51° 53' N	LONGITUDE 176° 39' W	STATION ELEV. (FT) 17	CALL SIGN PADK	WMO NUMBER 70454
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	In Weather Office located on main deck Birchwood hangar	NS		1959	51° 53' N	176° 39' W	14	mercurial	24
2.	In Weather Office located first deck of new operations building	NS	1959		"	"	16	"	24
1a.	In Weather Office, main deck Birchwood hangar	NS	1952	1959	"	"	18	aneroid	24
2a.	In Weather Office located first deck of new operations building	NS	1959	1961	"	"	"	"	24
3a.	AN/GMQ-14A cabinet, NWSED Office Ops Building	NS	1961	1968	"	"	18	"	24
4a.	Inboard bulkhead, NWSED Office Ops Building	NS	1968		"	"	18	"	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.		1000' NNW of hangar & 25'E of air control tower	Selsyn		25'	1. Barograph (ML-3A)
2.		On 30' mast atop Birchwood hangar	AN/UMQ-5A		75'	2. Semi-Auto Met station (AN/GMQ-14B)
3.	1957	Conversion of equipment	AN/UMQ-5C	RD-108	75'	3. Ceiling light (ML-121)
4.	1959	Transmitter on roof of new Ops Bldg same	"	RD-108B		4. Cloud height set (AN/GMQ-13B)
5.	1960					5. Theodolite (ML-247)
6.	1962	Located 500' on a bearing of 115° true from the intersection of runways 23-05 & 36-18			15'	6. Transmissometer (AN/GMQ-10C)
						7. Rawinsonde set (AN/GMD-13)
						8. APT (AN/GRK-7)

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).
2. All available data will be used for extreme values.
3. Summarize (update) every five years.
 - a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
 - b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
 - c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
 - d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSA), Asheville, N. C. welcomes your comment and criticisms.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

25704

STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01		18.7		21.9		36.8	8.4	.6	8.4		17.4	155
	04		21.3		22.6		40.0	9.0		6.5		15.5	155
	07		23.2		27.7		45.8	8.4		5.8		14.2	155
	10		19.4		31.6		46.5	5.8	.6	5.8		12.3	155
	13		16.1		23.9		38.1	5.8		5.8		11.6	155
	16		18.1		28.4		43.2	7.7		7.7		15.5	155
	19		20.6		29.0		45.2	6.5		7.1		13.5	155
	22		18.7		24.5		41.3	7.1		7.1		14.2	155
TOTALS			19.5		26.2		42.1	7.3	.2	6.8		14.3	1240

WEATHER CONDITIONS

25704

STATION

ADAK, ALASKA

73-77

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01		10.6		42.6		48.2			9.9		9.9	141
	04	.7	12.8		44.7		52.5			9.2		9.2	141
	07	1.4	10.6		36.9		44.0	1.4		10.6		11.3	141
	10		10.6		38.3		45.4	1.4		12.1		13.5	141
	13		11.3		36.2		42.6	1.4		10.6		12.1	141
	16		11.3		39.0		46.8	1.4		8.5		9.9	141
	19		13.5		44.0		52.5	2.8		9.9		12.8	141
	22		12.1		46.1		51.1	1.4		10.6		12.1	141
TOTALS		.3	11.6		41.0		47.9	1.2		10.2		11.4	1128

WEATHER CONDITIONS

MAR
MONTH

73-77

ADAK, ALASKA

25704
STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	01		16.1	.6	43.9		54.8	1.3		9.0		10.3	155
	04		20.6		39.4		54.2	1.3		5.8		7.1	155
	07		17.4		32.9		45.2	3.2		4.5		7.7	155
	10		20.6		32.3		45.8	5.6		3.9		9.7	155
	13		18.7		36.1		46.5	3.2		3.2		6.5	155
	16		15.5		29.7		39.4	3.2		1.3		4.5	155
	19		17.4		34.8		47.1	3.2		5.8		9.0	155
	22		16.7		38.1		49.0	.6		5.8		6.5	155
TOTALS			18.1	.1	35.9		47.8	2.7		4.9		7.7	1240

WEATHER CONDITIONS

25704 STATION ADAL, ALASKA 73-77 YEARS MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	01		20.7		28.7		44.7	4.7		3.3		8.0	150
	04		23.3		25.3		46.7	2.7		2.7		5.3	150
	07		16.7		29.3		41.3	8.0		3.3		11.3	150
	10		21.3		27.3		42.7	6.7		4.0		10.7	150
	13		20.7		25.3		43.3	9.3		2.0		11.3	150
	16		28.0		23.3		46.7	6.7		2.0		8.7	150
	19		24.0		24.7		42.0	6.7		2.0		8.7	150
	22		21.3		26.0		44.0	8.0		1.3		9.3	150
TOTALS			22.0		26.2		43.9	6.6		2.6		9.2	1200

WEATHER CONDITIONS

25704 STATION NAME ADAK, ALASKA 73-77 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	01		43.2		16.8		50.3	7.7				7.7	155
	04		38.7		12.3		47.1	7.1				7.1	155
	07		38.1		11.0		42.6	11.0				11.0	155
	10		31.6		9.7		39.4	11.6				11.6	155
	13		36.1		7.1		40.6	11.6				11.6	155
	16		30.3		6.5		33.5	10.3				10.3	155
	19		31.6		3.2		32.3	10.3				10.3	155
	22		34.2		9.7		42.6	11.6				11.6	155
TOTALS			35.5		9.5		41.1	10.2				10.2	1240

WEATHER CONDITIONS

25704

STATION

ADAK, ALASKA

73-77

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01		39.3				39.3	22.0				22.0	150
	04		37.3				37.3	25.3				25.3	150
	07		38.0		.7		38.0	22.0				22.0	150
	10		32.7				32.7	19.3				19.3	150
	13		30.0				30.0	14.7				14.7	150
	16		28.7				28.7	16.0				16.0	150
	19		32.7				32.7	16.7				16.7	150
	22		34.0				34.0	23.3				23.3	150
TOTALS			34.1		.1		34.1	19.9				19.9	1200

WEATHER CONDITIONS

JUL
MONTH

73-77

YEARS

ADAK, ALASKA

STATION NAME

25704

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	01		40.6				40.6	29.0				29.0	155
	04		44.5				44.5	30.3				30.3	155
	07		49.0				49.0	40.0				40.0	155
	10		44.5				44.5	31.6				31.6	155
	13		38.1				38.1	20.6				20.6	155
	16		31.6				31.6	18.7				18.7	155
	19		33.8				33.8	27.9				27.9	154
	22		37.4				37.4	38.1				38.1	155
TOTALS			39.9				39.9	29.5				29.5	1239

WEATHER CONDITIONS

25704 STATION

ADAK, ALASKA

73-77

STATION NAME

YEARS

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	01		45.2				45.2	36.8				36.8	155
	04		44.5				44.5	36.8				36.8	155
	07		43.9				43.9	41.3				41.3	155
	10		36.8				36.8	32.3	.6			32.3	155
	13		34.8				34.8	31.6				31.6	155
	16		36.1				36.1	32.3				32.3	155
	19		36.8				36.8	41.9				41.9	155
	22		41.9				41.9	43.2				43.2	155
TOTALS			40.0				40.0	37.0	.1			37.0	1240

WEATHER CONDITIONS

SEP
MONTH

73-77

YEARS

ADAK, ALASKA

STATION NAME

25704
STATIONPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	01		24.7				24.7	14.0				14.0	150
	04		28.7				28.7	14.7				14.7	150
	07		32.0		.7		32.0	22.7				22.7	150
	10		29.3				29.3	18.0				18.0	150
	13		31.3				31.3	17.3				17.3	150
	16		25.3				25.3	18.0				18.0	150
	19		27.3				27.3	15.3	.7			16.0	150
	22		27.3				27.3	16.0				16.0	150
TOTALS			28.2		.1		28.2	17.0	.1			17.1	1200

WEATHER CONDITIONS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

OCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	01		29.7		9.0		37.4	10.3				10.3	155
	04		28.4		3.9		29.7	11.0				11.0	155
	07		31.0		4.5		34.2	15.5				15.5	155
	10		29.7		7.1		34.8	12.9	.6			13.5	155
	13	.6	31.0		4.5		32.9	10.3				10.3	155
	16		27.1		4.5		31.6	11.0	1.3			12.3	155
	19		28.4		3.9		30.3	12.3	.6			12.9	155
	22		26.5		5.8		31.6	7.7				7.7	155
TOTALS		.1	29.0		5.4		32.8	11.4	.3			11.7	1240

WEATHER CONDITIONS

25704 ADAQ, ALASKA 73-77 NOV

STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	01		21.3		18.0		34.7	1.3				1.3	150
	04		20.0		16.7		34.0	3.3		2.0		5.3	150
	07		28.7		17.3		41.3	6.0		1.3		7.3	150
	10		27.3		18.7		38.0	9.3		2.0		11.3	150
	13		30.0		18.7		41.3	10.7		.7		11.3	150
	16		27.3		16.7		39.3	9.3		2.0		11.3	150
	19		23.3		14.7		33.3	5.3		1.3		6.7	150
	22		23.3		14.0		34.7	2.0		2.0		4.0	150
TOTALS			25.2		16.9		37.1	5.9		1.4		7.3	1200

WEATHER CONDITIONS

DEC
MONTH

73-77

YEARS

25704 ADAQ, ALASKA

STATION NAME

25704

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	01		23.9		31.0		49.0	1.3		3.2		4.5	155
	04		21.3		35.5		49.0	.6		.6		1.3	155
	07		23.9		36.1		53.5	1.9		3.9		5.8	155
	10		16.1		28.4		40.0	2.6		1.9		4.5	155
	13		16.1		29.7		40.0	3.2		1.9		5.2	155
	16		17.4		27.1		41.9	3.9		2.6		6.5	155
	19		18.1		24.5		39.4	2.6		1.9		4.5	155
	22		21.3		24.5		41.3	2.6		1.9		4.5	155
TOTALS			19.8		29.6		44.3	2.3		2.2		4.6	1240

WEATHER CONDITIONS

ALL
MONTH

73-77

YEARS

25704 ADAQ, ALASKA STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		19.5		26.2		42.1	7.3	.2	6.8		14.3	1240
FEB		.3	11.6		41.0		47.9	1.2		10.2		11.4	1128
MAR			18.1	.1	35.9		47.8	2.7		4.9		7.7	1240
APR			22.0		26.2		43.9	6.6		2.6		9.2	1200
MAY			35.5		9.5		41.1	10.2				10.2	1240
JUN			34.1		.1		34.1	19.9				19.9	1200
JUL			39.9				39.9	29.5				29.5	1239
AUG			40.0				40.0	37.0	.1			37.0	1240
SEP			28.2		.1		28.2	17.0	.1			17.1	1200
OCT		.1	29.0		5.4		32.8	11.4	.3			11.7	1240
NOV			25.2		16.9		37.1	5.9		1.4		7.3	1200
DEC			19.8		29.6		44.3	2.3		2.2		4.6	1240
TOTALS		.0	26.9	.0	15.9		39.9	12.6	.1	2.3		15.0	14607

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

ALL
MONTH

50-77

YEARS

ADAK, ALASKA

STATION NAME

25704

STATION

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.6	53.3	.5	69.7	.2	91.8	25.8	.5	17.7	.2	42.5	868
FEB		.8	48.0	.9	81.7	.1	94.3	17.3	.4	21.2		36.9	791
MAR		.5	54.5		78.3	.2	95.3	25.0	.8	13.2	.2	37.8	868
APR		.1	66.9	.2	68.7	.1	93.5	31.1	1.9	4.8		36.7	840
MAY		.2	87.2		30.0	.1	92.2	40.8	1.8	.2	.7	42.1	868
JUN			86.4		1.7	.1	86.8	59.0	1.1		.2	59.8	840
JUL			88.7				88.7	82.6	1.0		.2	82.8	868
AUG		.2	90.3		.1		90.3	79.5	1.5			80.0	868
SEP			89.3		2.1	.4	89.4	52.7	1.0		.4	53.6	840
OCT		.5	90.4	.1	27.5	.7	95.0	34.2	2.5	.1		35.4	868
NOV		.7	74.6	.5	62.2	.4	95.4	25.5	1.4	4.6		30.3	839
DEC		.9	58.1	.8	74.7	.5	94.6	23.0	.5	12.6	.2	34.7	868
TOTALS		.4	74.0	.2	41.4	.2	92.3	41.4	1.2	6.2	.2	47.7	10226

9721

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

25704 AAK, ALASKA JANUARY 1973-DECEMBER 1977 JANUARY ALL
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.7	1.4	1.4			41.4			4.3		1.4	22.9		45.7
NNE	12.7	6.7	4.0			30.0			10.0			12.0		44.0
NE	19.8	4.0	5.0			28.7			11.9			14.9		36.6
ENE	17.5	5.8	9.2			34.2			12.3			14.7		33.3
E	18.0	2.3	6.3			39.1			9.4			7.0		36.7
ESE	24.2		6.1			24.2			6.1			6.1		45.5
SE	7.1	7.1				14.3								78.6
SSE	32.1					14.3			17.9					60.7
S	30.8	4.8	4.8			22.6			16.1			1.6		45.2
SSW	4.7	16.3	2.3			11.6								67.4
SW	4.1	8.2	5.5			9.6			1.4			1.4		75.3
WSW	2.3	1.1	3.4		1.1	14.6			4.5		1.1			73.9
W		5.6	4.4		1.1	25.6			2.2			1.1		67.8
WNW		4.3			4.3	21.7						8.7		69.6
NW						32.0						8.0		64.0
NNW	2.3	2.3				41.9								58.1
VARIABLE														
CALM	6.0	2.7	7.7			15.4			6.0					76.3
TOTAL	141	54	49		3	324			90	1	2	84		674
% TOTAL	11.4	4.4	4.0		.2	26.1			7.3	.1	.2	6.8		54.4

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

25704

ADAK, ALASKA

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

FEBRUARY

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.9	5.3				61.9						7.1		35.4
NNE	5.2	2.6				57.4						16.5		35.7
NE	5.8	7.7				57.7						36.5		28.8
ENE	6.9					73.3						20.0		20.0
E	9.9	4.2				59.2						19.7		35.2
ESE	22.6	3.2	3.2			32.3			16.1			9.7		51.6
SE	13.0	5.0				10.0		4.0						70.0
SSE	20.0	6.0				32.0						2.0		52.0
S	19.4	4.3	4.3			25.4						7.5		56.7
SSW	10.9	8.7	2.2			19.6								69.6
SW	5.8	7.2	2.9			27.5		1.4				10.1		60.9
WSW	6.3	6.3				22.1			1.3			9.1		66.2
W	8.2	2.7	3.6			37.3			4.5			7.3		50.0
WNW	1.7	3.3				41.7			1.7			5.0		53.3
NW						42.6			1.9			6.4		53.2
NNW		3.8				56.6						17.0		32.1
VARIABLE														
CALM	2.0					14.7				1.0				49.3
TOTAL	80	45	11			462		3	13	1		115		563
% TOTAL	7.1	4.0	1.0			41.0		.3	1.2	.1		10.2		49.9

TOTAL NUMBER OF OBSERVATIONS

1,128

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION 25704 ADAK, ALASKA JANUARY 1973-DECEMBER 1977 MONTH MARCH ALL
STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	13.4	1.6	3.9			42.5			3.9			6.3		42.5
NNE	15.5	.9				42.2			5.2			7.8		39.7
NE	15.3		2.8			41.7			4.2			12.5		45.8
ENE	25.4	1.5	6.0		1.5	55.2			3.0			13.4		26.9
E	17.4	1.4	5.8			31.9			2.9			2.9		53.6
ESE	38.5	3.8	3.8			42.3								30.8
SE	22.7					40.9			4.5					50.0
SSE	34.1	2.3			2.3	34.1			4.5					43.2
S	22.8	5.1	3.8		3.8	36.7			5.1			1.3		43.0
SSW	15.7	12.9	4.3			17.1			4.3			1.4		54.3
SW	3.4	6.9	4.3			18.1			2.6					70.7
WSW	3.6	4.8				27.8			.8			1.6		64.3
W	7.0	3.5	2.6		.9	38.3			.9			9.6		54.8
WNW	3.4	3.4		1.7		46.6						13.8		50.0
NW	3.6				3.6	35.7								60.7
NNW	1.8	1.8				45.6						1.8		52.6
VARIABLE														
CALM			4.7			10.8			2.1					77.1
TOTAL	157	41	33	1	7	440			34			61		637
% TOTAL	12.7	3.3	2.7	.1	.6	35.5			2.7			4.9		51.4

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION 25704 ADAK, ALASKA STATION NAME JANUARY 1973-DECEMBER 1977 MONTH APRIL ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	6.0	3.7	3.0			23.1			6.0			1.5		65.7
NNE	7.8	5.6	5.6			27.8			8.9					55.6
NE	11.4	2.3				43.2			4.5					50.0
ENE	16.1		1.6			29.0			3.2					54.8
E	26.3		5.3			35.1			12.3			1.8		42.1
ESE	24.0		4.0			36.0			8.0			4.0		48.0
SE	45.5	18.2	4.5			27.3			18.2			4.5		27.3
SSE	40.0	7.5	15.0		2.5	17.5			5.0					37.5
S	27.3	11.4	10.2			10.2			21.6					46.6
SSW	37.1	8.6	14.3			11.4			14.3			5.7		40.0
SW	10.3	10.3	5.1			12.8			2.6			1.3		66.7
WSW	10.7	8.2	4.9			12.3			6.6					63.9
W	8.3	6.0	5.3		.8	24.1			4.5			2.3		60.9
WNW	1.1	6.5				46.7			1.1			14.1		42.4
NW	1.8	10.9				50.0			3.6			10.9		34.5
NNW	6.0	6.0				42.0			2.0			2.0		52.0
VARIABLE														
CALM	3.5	1.4				14.1								39.5
TOTAL	155	73	52		2	313			79			31		659
% TOTAL	12.9	6.1	4.3		.2	26.1			6.6			2.6		54.9

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION 29704 ADAK, ALASKA JANUARY 1973-DECEMBER 1977 MONTH MAY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS" ICE CRYSTALS	SNOW "GRAINS" "PELLETS" "SHOWERS"	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.3	12.8	5.5			11.0			3.7					66.1
NNE	11.3	12.5	5.0			2.5			10.0					67.5
NE	8.3	13.9	8.3			13.9			11.1					52.8
ENE	20.8	16.9	6.5			5.2			11.7					54.5
E	20.4	9.3	3.7			13.0			14.8					57.4
ESE	5.6	22.2				5.6								66.7
SE	32.0	8.0	20.0			4.0			24.0					36.0
SSE	9.4	25.0	18.8			15.6			9.4					43.8
S	35.8	9.9	11.1		2.5				24.7					40.7
SSW	22.0	12.0	6.0		2.0	4.0			24.0					58.0
SW	15.7	22.2	3.7		.9	3.7			7.4					55.6
WSW	17.2	11.9	5.3		.7	7.9			12.6					56.3
W	9.8	18.0	4.9		.5	7.3			5.4					60.5
WNW	13.5	7.7	3.8			26.9			3.8					53.8
NW	6.0	32.0	2.0		4.0	32.0			6.0					38.0
NNW	12.1	19.0	1.7			12.1			5.2					62.1
VARIABLE	9.3	13.0	9.3			5.6			11.1					62.0
CALM														
TOTAL	184	192	74		8	110			126					701
% TOTAL	14.8	15.5	6.0		.6	8.9			10.2					56.5

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

25704 STATION NAME ADAP, ALASKA JANUARY 1973-DECEMBER 1977 MONTH JUNE ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	19.1	6.6	11.8			.7			22.4					57.2
NNE	21.1	4.4	8.8						20.2					57.0
NE	21.7	5.4	14.1						21.7					55.4
ENE	21.4	6.0	15.5						25.0					50.0
E	16.7	11.1	9.7						15.3					61.1
ESE	24.0		4.0						20.0					64.0
SE	27.3	6.1	12.1						21.2					51.5
SSE	30.5	1.7	5.1						25.4					61.0
S	18.9	5.7	13.2						18.9					65.1
SSW	13.8	6.9	24.1						24.1					48.3
SW	8.1	17.2	17.2						17.2					52.5
WSW	10.5	7.6	16.2						16.2					61.9
W	11.8	6.7	9.2						23.5					65.5
WNW	8.3	16.7	16.7						25.0					50.0
NW	28.6	28.6							14.3					42.9
NNW	23.5	11.8	5.9						11.8					58.8
VARIABLE	6.0	1.3	18.7						18.7					60.0
CALM														
TOTAL	203	84	146			1			239					720
% TOTAL	16.9	7.0	12.2			.1			19.9					60.0

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

25704 STATION ADAQ, ALASKA JANUARY 1973-DECEMBER 1977 MONTH JULY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	12.7		29.1						41.8					49.1
NNE	22.4		15.8						27.6					57.9
NE	14.0	5.3	19.3						29.8					57.9
ENE	21.9	6.3	10.9						23.4					59.4
E	29.1	5.1	16.5						31.6					50.6
ESE	17.1	5.7	20.0						17.1					54.3
SE	28.1	3.1	9.4						9.4					59.4
SSE	20.0	10.0	16.0						12.0					50.0
S	22.3	8.0	24.1						27.7					51.8
SSW	14.1	4.7	34.4						40.6					42.2
SW	10.3	8.5	21.4						35.0					49.6
WSW	10.8	9.7	28.0						34.4					46.2
W	10.4	4.9	24.2						29.1					56.0
WNW	21.4		28.6						42.9					50.0
NW	22.2								38.9					61.1
NNW	22.2		9.5						11.1					66.7
VARIABLE														
CALM	6.3	1.3	14.3						25.0					65.0
TOTAL	195	69	265						366					658
% TOTAL	15.7	5.6	21.4						29.5					53.1

TOTAL NUMBER OF OBSERVATIONS 1,239

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

25704

ADAK, ALASKA

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

AUGUST

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	16.9	3.1	32.3						49.7					43.1
NNE	7.0	2.3	11.6						32.6					60.5
NE	26.5	2.0	24.5						53.1					32.7
ENE	12.0	2.0	26.0						26.0					56.0
E	43.1	3.1	20.0						44.6					35.4
ESE	42.4	6.1	12.1						45.5					30.3
SE	28.6	5.4	25.0						30.4					48.2
SSE	26.3	6.3	31.3						41.3					38.8
S	18.9	4.3	24.3						32.4					48.6
SSW	8.4	1.7	16.8						31.9					61.3
SW	7.9	4.8	19.0						33.3		.8			55.6
WSW	11.2	5.6	27.5						36.5					44.9
W	10.9	6.3	25.8						39.8					45.3
WNW	20.0	10.0	30.0						35.0					35.0
NW	27.8		44.4						44.4					33.3
NNW	34.8		30.4						60.9					30.4
VARIABLE														
CALM	8.2		17.1						23.7	1.3				63.2
TOTAL	211	50	294						458	1	1			592
% TOTAL	17.0	4.0	23.7						36.9	.1	.1			47.7

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

25704 ADAK, ALASKA JANUARY 1973-DECEMBER 1977 SEPTEMBER ALL
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	11.1	5.6	7.9			.8			11.1					74.6
NNE	13.3	3.3	13.3						20.0					70.0
NE	20.8		16.7						23.0					66.7
ENE	8.6	11.4	2.9						5.7					71.4
E	10.3								13.8					82.8
ESE	29.0		12.9						16.7					70.8
SE	28.6	9.3	4.8						19.0					61.9
SSE	20.0	6.7	8.9						26.7					64.4
S	37.7	5.7	19.8						31.1					42.3
SSW	19.7	6.6	13.1						18.0					67.2
SW	6.3	5.3	11.1						16.7		.9			66.7
WSW	9.1	9.1	14.7						23.1					60.1
W	11.2	14.7	8.2						17.1					58.8
WNW	14.7	17.6	8.8						14.7					58.8
NW	6.3	7.4	12.3						9.4					71.9
NNW	6.4	5.4	6.4						6.4					79.8
VARIABLE														
CALM	14.1	2.3	4.3						9.1					84.3
TOTAL	161	90	124			1			204		1			799
% TOTAL	13.4	7.3	10.3			.1			17.0		.1			66.6

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

25704

STATION

ADAK, ALASKA

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

OCTOBER

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	12.9	16.8	6.9			5.8		.6	15.5					58.7
NNE	22.9	8.6	4.3		1.4	7.1			17.1					61.4
NE	26.3	10.5	2.6			15.8			10.5					50.0
ENE	31.0	3.4	5.2						12.1					60.3
E	15.4	7.7							10.3					76.9
ESE	13.3	13.3	6.7						6.7					66.7
SE	37.5	6.3	6.3						25.0					50.0
SSE	48.8	9.3	11.6						30.2					34.9
S	43.9	7.0	10.5			3.5			33.3					42.1
SSW	26.9	7.7	7.7						15.4					61.5
SW	12.5	10.3	9.6		.7	.7			14.7		1.5			66.9
WSW	7.1	9.8	3.6			3.6			10.7		.9			73.2
W	2.7	18.5	.7		.7	8.2			4.1		.7			69.9
WNW	3.0	19.4	1.5		4.5	3.0								71.6
NW	4.1	10.8	1.4		1.4	13.5								71.6
NNW	1.1	14.9	1.1			10.3			3.4					73.6
VARIABLE														
CALM	2.7	4.0	2.7			1.3			8.3					86.7
TOTAL	175	145	57		7	61		1	141		4			812
% TOTAL	14.1	11.7	4.6		.6	4.9		.1	11.4		.3			65.5

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

25704

ADAK, ALASKA

JANUARY 1973-DECEMBER 1977

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	6.7	12.4	1.0			23.8			1.0			7.6		59.0
NNE	14.4	7.2	1.8			19.8			4.5			.9		62.2
NE	22.6	12.9	6.5			19.4			3.2					45.2
ENE	38.5	3.8	3.8			26.9			11.5					42.3
E	26.7	26.7				20.0			13.3					40.0
ESE	16.7	50.0				50.0								33.3
SE		28.6	14.3											37.1
SSE	39.6	2.1	6.3			16.7			22.9					41.7
S	37.1	15.7	10.1			11.2			25.8					36.0
SSW	14.8	13.1				3.3			4.9			1.6		68.9
SW	18.3	9.2	3.7			5.7			7.3			.5		66.1
WSW	6.5	8.7	.5			14.7			2.7					73.4
W	5.6	6.8	3.7			17.3			4.3					67.9
WNW		13.6				25.4						1.7		67.8
NW		21.6			2.0	43.1						2.0		41.2
NNW	9.1	10.9	3.6			25.5						7.3		54.5
VARIABLE														
CALM														
TOTAL	156	124	32		1	201			71			17		740
% TOTAL	13.0	10.3	2.7		.1	16.6			5.9			1.4		61.7

TOTAL NUMBER OF OBSERVATIONS

1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

25704

ADAK, ALASKA

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

DECEMBER

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	6.3	4.7	3.1			37.5			1.6					53.1
NNE	3.0	1.5				47.0								51.5
NE	11.5	7.7	1.9			44.2			3.8			11.5		40.4
ENE	23.3	13.3	3.3			23.3						2.2		48.9
E	11.3	11.3			.8	31.5			1.6			.8		52.4
ESE	21.7	19.6	4.3			26.1			2.2					41.3
SE	17.4	26.1			4.3	8.7			8.7					56.5
SSE	29.5	15.9	4.3			22.7			2.3			2.3		38.6
S	31.8	18.2	11.4		2.3	12.5			10.2					37.5
SSW	9.8	11.5	6.6			21.3			3.3					62.3
SW	8.3	8.3	1.0			17.7			4.2			1.0		68.8
WSW	7.5	4.7				17.0			2.8			3.8		71.7
W	5.5	3.7				53.2			.9			4.6		40.4
WNW						40.0						5.0		60.0
NW	2.2	4.4				37.8						2.2		60.0
NNW		8.2	1.6			52.5						6.6		42.6
VARIABLE														
CALM	1.5					11.4			1.0					86.7
TOTAL	153	103	26		4	364			29			28		684
% TOTAL	10.7	8.3	2.1		.3	29.4			2.3			2.3		55.2

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

25704 STATION NAME ADAK, ALASKA JANUARY 1973-DECEMBER 1977 YEARS ALL MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	10.2	7.0	7.4			20.1		.1	11.7		.1	3.3		55.6
NNE	13.3	4.8	5.1		.1	22.5			11.4			4.3		53.2
NE	17.1	5.4	8.3			22.8			15.0			7.6		45.7
ENE	20.3	6.4	8.0		.1	20.7			11.4			4.8		47.7
E	19.8	6.2	6.1		.1	22.8			13.2			3.3		49.2
ESE	24.3	7.6	7.3			17.0			12.9			1.9		49.2
SE	26.5	8.6	10.3		.3	7.6			16.5			.3		52.2
SSE	29.1	7.3	11.0		.4	11.5		.4	18.3			.4		46.9
S	28.2	8.4	13.5		.7	8.8			21.4			.7		46.7
SSW	15.3	8.5	11.3		.1	6.8			16.6			.6		59.2
SW	9.7	10.0	9.3		.2	6.7		.1	13.3		.3	.8		62.5
WSW	9.2	7.7	10.2		.1	8.9			14.7		.1	.9		61.5
W	8.0	8.9	8.2		.3	15.2			12.0		.1	1.7		58.6
WNW	4.7	8.3	3.3	.2	.7	28.1			4.5			5.4		55.9
NW	4.9	10.7	3.1		1.1	30.2			5.3			2.9		53.3
NNW	6.5	8.1	3.2			25.5			5.2			3.1		58.1
VARIABLE	6.0	1.9	6.0			7.7			7.6					70.2
CALM														
TOTAL	1951	1070	1163	1	32	2277		4	1850	3	8	336		8239
% TOTAL	19.4	7.3	8.0	.0	.2	15.6		.0	12.7	.0	.1	2.3		56.4

TOTAL NUMBER OF OBSERVATIONS 14,607

NWSD, Federal Building
Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

SNOWFALL*

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations

From beginning of record thru 1945
Jan 46-May 57
Jun 57-present

Snow depth at 0800 LST
Snow depth at 1230 GCT
Snow depth at 1200 GCT

U. S. Navy and Weather Bureau Stations

From beginning of record thru Jun 52
Jul 52-May 57
Jun 57-present

Snow depth at 0030 GCT
Snow depth at 1230 GCT
Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION 25704 ADAK, ALASKA STATION NAME 50-77 YEARS

AMOUNTS (INCHES)																		TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	PERCENT OF DAYS WITH MEASUR- ABLE AMTS		MEAN	GREATEST	LEAST					
												10.01-20.00	OVER 20.00				25.5-50.4		OVER 50.4	61-120	OVER 120
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4								
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120								
JAN	29.7	24.1	17.3	16.5	5.9	3.6	1.7	1.0	.1	.1				46.2	868	16.5	48.1	2.2			
FEB	18.0	24.5	20.4	22.1	7.8	3.5	1.6	1.4	.6					57.5	791	19.3	51.6	.6			
MAR	21.1	26.3	19.4	18.8	7.5	3.5	1.7	1.2	.6		.1			52.6	868	20.2	58.9	5.3			
APR	31.0	31.8	17.3	13.9	3.7	.8	.7	.6	.1	.1				37.3	840	10.1	31.2	TRACE			
MAY	49.6	21.2	4.0	4.1	.7	.2		.1						9.2	868	2.1	8.9	.0			
JUN	98.5	1.5													840	TRACE	TRACE	.0			
JUL	100.0														868	.0	.0	.0			
AUG	99.9	.1													868	TRACE	TRACE	.0			
SEP	97.9	1.9		.1	.1									.2	840	.1	2.8	.0			
OCT	72.4	18.3	4.6	3.6	.7	.3	.1							9.3	868	2.0	7.7	TRACE			
NOV	35.9	27.5	14.3	12.7	6.3	.6	1.5	1.0	.1					36.5	810	11.9	30.0	.1			
DEC	24.7	25.7	15.9	18.8	7.6	3.7	1.7	1.0	.9					49.7	868	20.1	40.2	5.2			
ANNUAL	58.2	16.9	9.4	9.2	3.4	1.3	.7	.5	.2	.0	.0			24.9	10197	102.3					

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
25704	ADAK, ALASKA	50-77

PRECIP.	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	33.3	17.0	11.6	9.0	6.0	11.5	9.0	2.7							49.7	837			
FEB	21.4	25.7	11.8	10.1	9.6	12.1	7.5	1.8	.1						52.9	763			
MAR	41.4	24.0	8.8	7.5	6.3	8.4	1.5	1.8	.3						34.7	868			
APR	71.8	19.4	5.4	1.8	.8	.8									8.8	840			
MAY	96.8	3.2														868			
JUN	100.0															840			
JUL	100.0															868			
AUG	100.0															837			
SEP	100.0															810			
OCT	95.2	4.1	.6	.1											.7	868			
NOV	63.5	19.1	7.7	3.6	2.2	3.1	.6								17.4	780			
DEC	35.1	20.9	12.4	8.0	7.0	11.4	5.0	.3							44.0	775			
ANNUAL	71.5	11.1	4.9	3.4	2.7	3.9	2.0	.5	.0						17.3	9954			

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION 25704 ADAK, ALASKA STATION NAME 50-77 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	.65	.88	.58	.95	.70	.74	.41	2.33	3.52	1.29	1.50	2.25	3.10
51	3.10	1.10	1.14	1.54	.95	.37	1.85	.77	1.37	1.40	1.30	2.39	2.65
52	.80	1.29	1.70	.46	1.57	1.96	1.26	.56	1.71	2.13	2.65	.82	3.59
53	3.59	1.52	2.40	1.85	1.24	1.39	.38	2.29	2.62	2.56	2.06	.62	4.85
54	2.00	1.81	3.22	1.02	4.83	1.86	1.01	.96	2.47	1.62	2.08	1.88	4.68
55	2.84	1.95	.98	1.54	1.24	1.00	1.31	.31	.99	3.36	2.24	4.68	2.82
56	.97	1.62	1.69	1.44	1.27	1.90	.90	2.46	2.82	.70	1.73	2.05	3.19
57	2.01	.99	1.04	3.19	2.06	2.52	.22	.70	1.41	1.39	.98	1.22	2.45
58	1.06	.83	1.67	.88	1.14	.52	1.02	.41	2.07	1.94	2.45	2.03	2.25
59	.54	2.25	1.46	1.10	1.12	1.81	.86	1.09	1.92	1.20	.94	.76	1.92
60	1.09	.39	1.03	.29	.61	.53	1.92	.54	.40	.68	.34	1.06	1.49
61	1.15	.81	.43	.68	.36	1.49	1.00	.41	.62	1.15	1.30	.75	2.85
62	2.85	1.13	2.05	.43	.48	.67	.42	.78	.73	1.71	.76	2.26	4.00
63	1.03	.54	1.58	.49	.88	1.24	.38	.32	.97	.78	1.07	4.00	2.28
64	.46	.59	.73	1.06	.39	1.41	.39	.73	2.28	1.13	1.48	1.74	4.76
65	.90	.90	.61	4.76	.82	.58	1.02	.58	.77	1.65	1.06	1.00	2.94
66	.81	1.42	1.09	.76	1.72	.51	.69	1.77	1.47	.55	2.94	.94	2.20
67	1.07	.85	1.34	.68	.26	.44	1.00	2.20	1.47	1.30	2.06	2.03	2.44
68	1.63	1.06	.58	1.03	.42	.86	.59	.45	1.07	1.06	.83	2.44	1.91
69	1.26	.74	.43	1.10	1.33	.44	.26	1.00	1.91	.52	.90	1.01	1.41
70	.84	.57	.65	1.02	.64	.93	.57	.72	.62	.70	1.03	1.41	2.76
71	.90	.33	1.74	1.21	.65	1.23	.65	.51	2.76	2.65	1.54	2.50	2.05
72	.93	.70	.54	.95	.72	.60	.39	1.19	1.34	2.05	1.94	1.37	2.00
73	.59	1.12	1.01	.91	.29	.51	.55	1.14	1.39	1.47	2.00	1.69	1.92
74	.99	.86	.56	.81	1.23	.32	1.49	1.70	1.73	.78	1.92	.72	1.57
75	.80	.82	1.35	1.57	.66	.34	1.02	1.46	.92	1.14	1.51	1.27	1.55
76	1.14	.40	.93	.42	.66	.62	.65	.59	1.55	1.22	.87	1.32	1.81
77	.44	.40	.64	.57	1.81	.81	.45	.88	.54	1.48	.59	1.53	
MEAN	1.30	1.00	1.18	1.17	1.07	.99	.82	1.03	1.55	1.41	1.51	1.71	2.65
S. D.	.843	.491	.658	.908	.881	.599	.452	.656	.790	.677	.669	.948	.995
TOTAL OBS.	868	791	868	840	868	840	868	868	840	868	810	868	10197

PRECIPITATION
(FROM DAILY OBSERVATIONS)

50-77

ADAK, ALASKA

STATION NAME

STATION

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

25704 ADAK, ALASKA

50-77

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

5723 Extreme Values Jan 1969

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	2.2	3.7	1.5	2.8	1.5	.0	.0	.0	.0	TRACE	.4	1.0	5.7
51	5.7	2.3	1.8	1.6	TRACE	.0	.0	.0	.0	TRACE		2.1	
52	1.0	5.0	17.0	2.7	TRACE	TRACE	.0	.0	.0	TRACE	3.8	2.0	17.0
53	3.3	6.1	9.0	2.2	1.8	.0	.0	.0	.0	TRACE	1.3	4.0	9.0
54	4.5	9.2	2.8	TRACE	.5	.0	.0	.0	.0	.8	4.4	6.7	9.2
55	4.5	4.5	4.3	5.0	4.8	.0	.0	TRACE	.0	1.5	1.1	2.3	5.0
56	1.5	3.4	6.3	7.7	.5	.0	.0	.0	.0	2.7	3.0	3.3	7.7
57	1.0	5.3	3.4	15.4	TRACE	.0	.0	.0	.0	TRACE	2.1	6.2	15.4
58	10.6	3.1	1.7	4.6	.4	.0	.0	.0	.0	1.0	1.7	5.8	10.6
59	3.5	1.8	8.3	1.4	.8	.0	.0	.0	.0	1.0	2.6	5.2	8.3
60	2.2	3.0	7.1	2.4	1.6	.0	.0	.0	.0	1.3	2.9	3.8	7.1
61	4.1	3.6	3.2	.7	.0	.0	.0	.0	.0	.1	3.7	6.2	6.2
62	4.6	3.4	5.3	1.8	1.7	.0	.0	.0	1.8	1.6	4.8	5.6	5.6
63	1.6	2.7	5.1	2.0	1.1	TRACE	.0	.0	.0	1.9	1.7	3.6	5.1
64	3.3	5.3	4.3	4.4	1.6	.0	.0	.0	TRACE	3.0	5.8	2.7	5.8
65	2.9	4.8	3.1	2.4	1.4	.0	.0	.0	.0	TRACE	5.8	2.3	5.8
66	2.8	4.3	3.8	2.2	1.3	.0	.0	.0	.0	1.0	.1	8.6	8.6
67	7.6	8.2	3.5	2.0	.0	.0	.0	.0	.0	.5	7.1	5.4	8.2
68	2.7	2.3	4.2	2.5	1.0	.0	.0	.0	TRACE	3.2	4.0	4.4	4.4
69	3.4	6.5	4.0	6.4	3.3	TRACE	.0	.0	.0	.2	4.9	10.1	10.1
70	6.1	5.0	3.4	3.7	TRACE	.0	.0	.0	.0	.1	.9	3.9	6.1
71	2.3	1.7	3.0	2.9	1.0	TRACE	.0	.0	.0	TRACE	1.8	9.0	9.0
72	4.1	.3	2.0	.6	.2	.0	.0	.0	TRACE	TRACE	1.7	8.4	8.4
73	3.8	3.5	3.4	1.8	.7	TRACE	.0	.0	TRACE	2.0	.2	3.3	3.8
74	4.4	8.1	3.0	3.6	.7	TRACE	.0	.0	TRACE	1.0	2.2	7.2	8.1
75	4.6	3.1	9.6	1.1	2.9	TRACE	.0	.0	TRACE	.7	2.2	4.3	9.6
76	4.1	2.7	4.6	2.3	.5	.0	.0	.0	TRACE	.8	4.0	3.8	4.6
77	2.5	3.9	5.8	2.4	.9	.0	.0	.0	.0	2.8	2.1	3.0	5.8
MEAN	3.75	4.17	4.80	3.16	1.08	TRACE	.00	TRACE	.06	.99	2.83	4.82	7.79
S. D.	2.028	2.059	3.186	2.933	1.114	.000	.000	.000	.340	1.070	1.830	2.299	3.071
TOTAL OBS.	868	791	868	840	868	840	868	868	840	868	810	868	10197

NAVWEASERVCOM

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

25704 AAK, ALASKA STATION NAME 50-77 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	TRACE	4	2	TRACE	0	0	0	0	0	0	TRACE	3	3
51	6	20	TRACE	TRACE	0	0	0	0	0	0	TRACE	2	20
52		8	7	1	0	0	0	0	0	0	2		
53	16	5	6	1	0	0	0	0	0	0		8	
54	9		9	TRACE	TRACE	0	0	0	0	TRACE	11	7	
55	10	6	4	1	0	0	0	0	0	TRACE	TRACE	3	10
56	4	2	6	2	0	0	0	0	0	TRACE	3		
57	1	3	3	TRACE	0	0	0	0	0	0	3	5	5
58	18	3	4	1	TRACE	0	0	0	0	TRACE	1	9	18
59	2	5	7	1	TRACE	0	0	0	0	TRACE	5	8	8
60	4	5	5	2	TRACE	0	0	0	0	TRACE	2	4	5
61	19	1	3	TRACE	0	0	0	0	0	TRACE	4	6	19
62	7	3	2	0	0	0	0	0	0	TRACE	5	3	7
63	3	2	1	TRACE	0	0	0	0	0	TRACE	1	3	3
64	7	26	30	TRACE	TRACE	0	0	0	0	1	6	7	30
65	6	6	4	1	0	0	0	0	0	0	3	6	6
66	3	7	1	2	0	0	0	0	0	TRACE	TRACE	4	7
67	5	6	2	0	0	0	0	0	0	TRACE	TRACE		
68	2	4	4	3	0	0	0	0	0	TRACE	5	2	5
69	4	8	6	TRACE	TRACE	0	0	0	0	0	5	8	8
70	16	14	4	1	0	0	0	0	0	0	TRACE	5	16
71	5	4	4	TRACE	TRACE	0	0	0	0	0	1	5	5
72	7	1	4	TRACE	TRACE	0	0	0	0	0	6	9	9
73	1	4	1	2	TRACE	0	0	0	0	2	0	10	10
74	1	11	2	1	0	0	0	0	0	TRACE	1	15	15
75	13	6	6	4	TRACE	0	0	0	0	TRACE	3	4	13
76	6	8	10	5	TRACE	0	0	0	0	1	3	11	11
77	7	17	17	4	TRACE	0	0	0	0	TRACE	6	6	17
MEAN	6.7	7.0	5.5	1.1	TRACE	.0	.0	.0	.0	.1	2.9	6.1	11.2
S. D.	5.375	5.948	5.897	1.407	.000	.000	.000	.000	.000	.448	2.682	3.140	6.633
TOTAL OBS.	837	763	868	840	868	840	868	837	810	868	780	775	9954

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

5724 DAILY AMOUNTS MAR 1978

25704
STATION

ADAK, ALASKA
STATION NAME

1950-1977

YEARS

JANUARY
MONTH

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.00	51	1954	10.6	269	1958
2	2.01	51	1957	4.6	117	1975
3	0.83	21	1967	2.7	69	1968
4	1.14	29	1976	4.0	102	1955
5	1.29	33	1955	5.6	142	1967
6	0.81	21	1966	2.8	71	1966
7	0.77	20	1976	4.2	107	1958
8	1.26	32	1957	2.6	66	1958
9	1.07	27	1967	2.9	74	1965
10	2.85	72	1962	4.1	104	1961
11	2.84	72	1955	1.9	48	1958
12	1.22	31	1957	5.7	145	1951
13	0.65	17	1957	1.7	43	1955
14	1.04	26	1967	7.6	193	1967
15	0.93	24	1969	3.1	79	1961
16	2.41	61	1955	3.2	81	1961
17	0.42	11	1950	2.5	63	1961
18	0.58	15	1972	2.5	63	1969
19	1.09	28	1960	4.4	112	1974*
20	0.75	19	1974	2.4	61	1968
21	0.86	22	1967	1.4	36	1969
22	3.10	79	1951	4.1	104	1976*
23	1.17	30	1968	4.0	102	1961
24	1.66	42	1953	4.5	114	1955
25	3.59	91	1953	3.4	86	1969
26	1.18	30	1957	3.5	89	1970
27	2.36	60	1955	3.5	89	1959
28	1.63	41	1968	4.7	119	1970
29	1.07	27	1968	4.0	102	1955
30	0.60	15	1975	2.6	66	1974
31	0.85	22	1955	4.9	124	1967
Monthly	3.59	91	1953	10.6	269	1958

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.83	21	1958	4.5	114	1955
2	1.12	28	1973	3.4	86	1956
3	0.61	15	1973	3.8	97	1953
4	2.25	57	1959	4.5	114	1953
5	0.48	12	1964	4.8	122	1964
6	0.57	14	1951	5.0	127	1970
7	0.88	22	1950	4.0	102	1966
8	1.81	46	1954	5.5	140	1969
9	1.09	28	1966	4.8	122	1965
10	0.86	22	1974	5.3	135	1957
11	1.62	41	1956	6.6	168	1967
12	1.42	36	1966	3.7	94	1967
13	1.37	35	1959	2.4	61	1964
14	1.29	33	1952	3.1	79	1957
15	1.00	25	1968	8.1	206	1974
16	0.76	19	1951	3.1	79	1974
17	0.90	23	1965	8.2	208	1967
18	1.03	26	1951	3.3	84	1969
19	0.52	13	1972	1.7	43	1973
20	0.99	25	1957	3.4	86	1962
21	1.52	39	1953	6.1	155	1953
22	1.95	50	1955	9.2	234	1954
23	0.58	15	1962	5.4	137	1953
24	0.57	14	1952	3.1	79	1958
25	0.61	15	1973	3.5	89	1973
26	0.41	10	1954	4.1	104	1954
27	1.13	29	1962	5.3	135	1964
28	0.57	14	1970	5.0	127	1952
29	0.44	11	1964	4.0	102	1964
30						
31						
Monthly	2.25	57	1959	9.2	234	1954

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION
25704

STATION NAME
ADAK, ALASKA

YEARS
1950-1977

DAILY EXTREME AMOUNTS

MONTH
MARCH

MONTH
APRIL

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.35	34	1975	8.5	216	1975
2	0.96	24	1975	9.6	244	1975
3	2.05	52	1962	4.4	112	1962
4	0.71	18	1953	4.5	114	1977
5	0.73	19	1964	3.6	91	1952
6	1.63	41	1958	4.2	107	1959
7	2.40	61	1953	8.3	211	1959
8	0.96	24	1962	3.6	91	1959
9	1.70	43	1952	17.0	432	1952
10	1.01	26	1973	4.3	109	1964
11	1.03	26	1960	7.1	180	1960
12	0.56	14	1963	2.9	74	1957
13	1.53	39	1956	2.9	74	1961
14	0.83	21	1963	3.8	97	1966
15	0.58	15	1963*	2.1	53	1974
16	1.61	41	1954	1.8	46	1972*
17	3.22	82	1954	2.1	53	1971
18	1.74	44	1971	5.0	127	1953
19	1.09	28	1966	2.3	58	1962
20	0.85	22	1959	2.0	51	1956
21	1.01	26	1962	4.6	117	1976
22	0.90	23	1953	9.0	229	1953
23	2.05	52	1954	5.8	147	1977
24	1.69	43	1956	6.2	157	1956
25	1.27	32	1956	2.3	58	1976
26	0.43	11	1955	4.3	109	1955
27	0.94	24	1954	3.5	89	1967
28	1.14	29	1951	1.8	46	1951
29	0.93	24	1976	2.3	58	1962
30	2.34	59	1953	3.9	99	1969
31	0.95	24	1955	5.3	135	1962
Monthly	3.22	82	1954	17.0	432	1952

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.68	17	1967	2.4	61	1965
2	0.68	17	1958	4.6	117	1958
3	3.19	81	1957	2.3	58	1965
4	0.44	11	1958	1.3	33	1976
5	1.85	47	1953	7.7	196	1956
6	1.13	29	1965	2.4	61	1977*
7	0.49	12	1963	1.5	38	1974
8	1.21	31	1971	4.9	124	1957
9	1.03	26	1968	3.7	94	1956
10	0.59	15	1956	4.4	112	1969
11	1.98	50	1965	1.4	36	1960
12	4.76	121	1965	0.8	20	1976*
13	1.16	29	1953	1.7	43	1956
14	0.76	19	1953	2.7	69	1952
15	1.74	44	1957	15.4	391	1957
16	0.40	10	1954	1.8	46	1960
17	0.57	14	1977	2.0	51	1967
18	1.10	28	1959	3.2	81	1964
19	0.92	23	1951	2.3	58	1976
20	0.95	24	1950	1.5	38	1964
21	0.51	13	1956	1.1	28	1975*
22	0.75	19	1958	0.7	18	1950
23	0.94	24	1951	2.2	56	1964
24	1.54	39	1955	5.0	127	1955
25	0.38	10	1973	2.5	63	1968
26	0.95	24	1972	3.6	91	1974
27	1.10	28	1969	6.4	163	1969
28	0.47	12	1966	2.8	71	1950
29	0.75	19	1974	1.8	46	1969
30	1.06	27	1955	6.4	163	1957
31						
Monthly	4.76	121	1965	15.4	391	1957

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

25704

STATION NAME
ADAK, ALASKA

1950-1977

STATION NAME

YEARS

MAY

MONTH

JUNE

MONTH

DAILY EXTREME AMOUNTS

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.72	44	1966	2.9	74	1975
2	1.24	31	1953	1.6	41	1960
3	1.81	46	1977	1.5	38	1950
4	0.29	7	1963*	0.8	20	1971*
5	0.95	24	1951	1.6	41	1955
6	1.13	29	1974	0.6	15	1955
7	2.06	52	1957	0.6	15	1955
8	0.80	20	1956	0.8	20	1950
9	0.88	22	1963	0.7	18	1963
10	1.23	31	1974	0.8	20	1959
11	4.40	112	1954	0.5	13	1971*
12	0.67	17	1956	1.7	43	1962
13	1.43	36	1952	4.8	122	1955
14	0.66	17	1976	0.8	20	1950
15	0.64	16	1969	3.3	84	1969
16	1.59	40	1954	0.1	3	1955
17	1.08	27	1966	7	177	1977*
18	0.53	13	1953	1.8	46	1953
19	0.85	22	1963	1.1	28	1963
20	1.27	32	1956	0.4	10	1971
21	0.61	15	1956	0.2	5	1977
22	4.85	123	1954	7	177	1977*
23	0.72	18	1972	7	177	1977*
24	1.07	27	1956	7	177	1977*
25	0.64	16	1970	7	176	1976*
26	2.72	69	1954	7	177	1977*
27	1.02	26	1953	7	177	1975*
28	0.65	17	1971*	1.0	25	1971
29	1.57	40	1952	7	177	1971
30	0.49	12	1952	0.1	3	1971
31	0.57	14	1953			
Monthly	4.85	123	1954	4.8	122	1955

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.90	48	1956			
2	2.52	64	1957	7	177	1974*
3	0.97	25	1957	7	177	1971*
4	0.52	13	1965	7	177	1971
5	1.81	46	1959	7	177	1973
6	0.81	21	1977	7	177	1975*
7	0.60	15	1972			
8	1.96	50	1952	7	177	1971
9	0.55	14	1952	7	177	1971
10	1.86	47	1954			
11	0.52	13	1968*			
12	0.45	11	1977			
13	0.88	22	1971			
14	0.22	6	1959			
15	0.51	13	1966			
16	1.24	31	1963			
17	1.00	25	1955			
18	1.44	37	1952			
19	0.96	24	1952			
20	0.28	7	1974			
21	1.23	31	1971			
22	0.23	6	1952			
23	1.41	36	1964			
24	0.70	18	1954			
25	0.44	11	1969			
26	1.10	28	1952			
27	0.28	7	1973			
28	0.62	16	1976			
29	1.49	38	1961			
30	0.52	13	1957			
31						
Monthly	2.52	64	1957	7	177	1975*

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

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DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

25704

ADAK, ALASKA

STATION

STATION NAME

1950-1977

YEARS

DAILY EXTREME AMOUNTS

JULY

MONTH

AUGUST

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.92	23	1961			
2	0.96	24	1974			
3	0.41	10	1950			
4	0.34	9	1955			
5	1.02	26	1965			
6	0.73	19	1963			
7	0.54	14	1966			
8	0.47	12	1973			
9	0.32	8	1973			
10	0.65	17	1971			
11	0.38	10	1963			
12	0.19	5	1975			
13	1.85	47	1951			
14	1.00	25	1961			
15	0.35	9	1967			
16	0.28	7	1958			
17	1.02	26	1958			
18	0.46	12	1955			
19	0.85	22	1955			
20	1.31	33	1955			
21	0.41	10	1971			
22	0.56	14	1970			
23	0.19	5	1952			
24	0.29	7	1976			
25	1.01	26	1954			
26	0.65	17	1976			
27	1.49	38	1974			
28	0.48	12	1967			
29	1.26	32	1952			
30	1.92	49	1960			
31	0.39	10	1970			
Monthly	1.92	49	1960			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.91	23	1973			
2	0.78	20	1972			
3	0.82	21	1966			
4	0.88	22	1977			
5	0.56	14	1967			
6	1.77	45	1966			
7	1.01	26	1975			
8	0.94	24	1959			
9	0.78	20	1962			
10	0.75	19	1950			
11	1.70	43	1974			
12	0.58	15	1965			
13	2.33	59	1950			
14	0.38	10	1973			
15	0.40	10	1973			
16	0.93	24	1969			
17	1.16	29	1956			
18	2.20	56	1967			
19	1.19	30	1972			
20	1.46	37	1975			
21	1.07	27	1953			
22	2.29	58	1953			
23	0.70	18	1951			
24	0.70	18	1962			
25	1.07	27	1966			
26	2.46	62	1956			
27	0.41	10	1961			
28	0.57	14	1966			
29	0.60	15	1973			
30	2.17	55	1956			
31	1.06	27	1974	7	7	1955
Monthly	2.46	62	1956	7	7	1955

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET--SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

25704
STATION

ADAK, ALASKA
STATION NAME

SEPTEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.73	44	1974			
2	1.17	30	1959			
3	0.72	18	1974			
4	0.84	21	1954			
5	1.41	36	1957			
6	0.76	19	1965	T	T	1973
7	2.07	53	1958			
8	1.37	35	1951			
9	2.82	72	1956	T	T	1975*
10	1.34	34	1973	T	T	1964
11	0.66	17	1959			
12	1.08	27	1950	T	T	1975
13	0.67	17	1976	T	T	1974
14	0.97	25	1963			
15	0.81	21	1972	T	T	1976
16	1.47	37	1967			
17	0.97	25	1967	1.0	25	1962
18	1.91	49	1969	1.8	46	1962
19	2.28	58	1964	T	T	1975
20	1.71	43	1952			
21	2.76	70	1971	T	T	1964
22	1.24	31	1956			
23	2.23	57	1964			
24	1.18	30	1956			
25	2.47	63	1954	T	T	1968
26	1.19	30	1964	T	T	1976*
27	3.52	89	1950	T	T	1976*
28	0.72	18	1973			
29	2.62	67	1953			
30	1.55	39	1976	T	T	1972
31						
Monthly	3.52	89	1950	1.8	46	1962

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

DAILY EXTREME AMOUNTS

1950-1977

YEARS

OCTOBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.22	31	1976	T	T	1972
2	0.78	20	1974	T	T	1971*
3	1.13	29	1964	T	T	1972*
4	1.30	33	1962	T	T	1972*
5	1.62	41	1954	0.5	13	1955
6	1.47	37	1973	0.2	5	1969
7	2.05	52	1972	T	T	1974
8	0.73	19	1954	T	T	1974*
9	1.37	35	1951	2.8	71	1977
10	0.55	14	1966	0.2	5	1977
11	0.83	21	1972	T	T	1969*
12	1.71	43	1962	T	T	1976*
13	2.65	67	1971	0.4	10	1954
14	1.29	33	1950	1.3	33	1963
15	0.72	18	1959	0.4	10	1955
16	0.99	25	1959	0.1	3	1954
17	1.15	29	1961*	T	T	1976*
18	1.94	49	1958	0.8	20	1954
19	0.91	23	1961	0.3	8	1962*
20	1.59	40	1958	2.0	51	1964
21	1.14	29	1975	1.6	41	1962
22	0.43	11	1976	0.8	20	1960
23	1.19	30	1958	3.2	81	1968
24	1.48	38	1977	0.8	20	1954
25	1.65	42	1965	1.9	48	1963
26	1.21	31	1965	1.3	33	1973
27	2.56	65	1953	3.6	91	1964
28	0.69	18	1962	2.0	51	1973
29	0.69	18	1955	0.8	20	1976
30	3.36	85	1955	1.0	25	1958
31	0.77	20	1955	2.7	69	1956
Monthly	3.36	85	1955	3.6	91	1964

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

24 DAILY AMOUNTS MAR 1978

1950-1977

ADAK, ALASKA

25704

YEARS

STATION NAME

STATION

DECEMBER

MONTH

NOVEMBER

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.03	52	1958	2.5	63	1959
2	1.22	31	1957	2.8	71	1973
3	0.75	19	1972	2.3	58	1955
4	1.66	42	1958	5.4	137	1967
5	0.49	12	1968	3.0	76	1968
6	0.88	22	1963	1.6	41	1958
7	1.81	46	1963	3.6	91	1963
8	1.05	27	1976	2.7	69	1973
9	0.80	20	1972	4.9	124	1967
10	1.72	44	1955	3.4	86	1974
11	0.55	14	1971	3.7	94	1974
12	1.49	38	1964	2.4	61	1969
13	4.68	119	1955	3.3	84	1956
14	1.41	36	1970	6.0	152	1969
15	0.79	20	1966	7.2	183	1974
16	4.00	102	1963	6.6	168	1974
17	2.44	62	1968	5.2	132	1959
18	0.94	24	1966	6.7	170	1954
19	2.26	57	1962	5.8	147	1958
20	1.27	32	1962	4.4	112	1962
21	0.59	15	1972	4.3	109	1975
22	0.60	15	1970	3.7	94	1957
23	2.05	52	1956	8.4	213	1972
24	1.02	26	1973	8.6	218	1966
25	1.88	48	1954	2.5	63	1957
26	2.39	61	1951	2.4	61	1974
27	1.21	31	1954	6.2	157	1957
28	1.84	47	1950	9.0	229	1971
29	1.10	28	1973	3.9	99	1970
30	1.88	48	1967	4.1	104	1957
31	1.37	35	1972	10.1	257	1969
Monthly	4.68	119	1955	10.1	257	1969

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.13	29	1955	4.2	107	1964
2	2.65	67	1952	1.0	25	1968
3	2.39	60	1966	2.3	58	1968
4	2.94	75	1966	2.0	51	1977
5	1.54	39	1971	2.0	51	1975
6	2.06	52	1953	0.8	20	1961
7	2.62	67	1952	3.1	79	1961
8	0.92	23	1966	3.0	76	1956
9	1.45	37	1973	1.6	41	1950
10	2.08	53	1954	4.0	102	1964
11	1.94	49	1972	3.7	94	1961
12	1.50	38	1955	2.6	66	1952
13	2.06	52	1967	5.8	147	1964
14	1.05	27	1950	2.2	56	1974
15	0.68	17	1953	4.8	122	1962
16	1.73	44	1956	7.1	180	1967
17	1.51	38	1975	1.9	48	1964
18	2.20	56	1952	1.2	30	1954
19	1.28	33	1955	2.3	58	1961
20	1.45	37	1958	4.4	112	1954
21	1.60	41	1955	2.3	58	1954
22	2.00	51	1973	3.6	91	1969
23	1.92	49	1974	2.0	51	1965
24	0.79	20	1975	2.3	58	1969
25	1.06	27	1965*	3.8	97	1954
26	1.30	33	1961	4.9	124	1969
27	0.93	24	1952	4.9	124	1969
28	1.04	26	1973	5.8	147	1965
29	0.98	25	1957	1.8	46	1974
30	2.24	57	1955	4.7	119	1964
31						
Monthly	2.94	75	1966	7.1	180	1967

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHES value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: **INSTRUMENT CLASS**: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

25704

ADAK, ALASKA

STATION NAME

50-77

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
30	WNW 66	WNW 78	62	SE 55	SW 48	NNW 48	SSW 50	SSW 52	SSW 54	SSW 78	SE 55	SE 76	NNW 78
31	SSW 66	SSW 105	SE 79	SW 52	NNW 51	SSW 51	NNW 57	SSW 67	SE 48	SSW 93	SSW 76	SSW 78	SSW 105
32	SSW 59	SE 65	75	SE 75	SE 75	SE 55	SSW 58	SSW 47	NNW 69	NNW 71	NNW 71	NNW 77	NNW 77
33	NE 32	SE 66	109	SSW 61	NNW 70	SE 48	SSW 58	SSW 52	SSW 50	NNW 48	NNW 87	NNW 76	NNW 109
34	WSW 82	SE 63	SW 80	SW 78	SSW 67	SE 70	NNW 60	SSW 60	SSW 60	NNW 80	NNW 72	NNW 76	NNW 82
35	NNW 52	SSW 70	SW 74	SSW 90	SSW 70	SE 51	NNW 44	NNW 55	NNW 98	NNW 60	NNW 73	NNW 76	NNW 98
36	S 80	SSW 57	SSW 60	SSW 76	SSW 48	SSW 56	NNW 46	NNW 38	NNW 55	NNW 57	NNW 55	NNW 66	S 80
37	SSW 61	SE 59	SE 89	SSW 64	SSW 69	SSW 54	NNW 50	NNW 60	NNW 65	NNW 82	NNW 89	NNW 64	SE 89
38	NNW 51	SSW 60	SSW 74	SSW 68	NNW 80	NNW 48	NNW 59	NNW 49	NNW 63	NNW 67	NNW 49	NNW 73	NNW 80
39	SSW 78	SSW 71	SSW 79	SSW 42	NNW 53	NNW 41	NNW 41	NNW 49	NNW 61	NNW 70	NNW 85	NNW 59	NNW 85
40	SSW 60	SSW 47	NNW 60	SSW 70	SSW 51	NNW 42	NNW 56	NNW 47	NNW 53	NNW 74	NNW 101	NNW 55	NNW 101
41	SE 78	NNW 68	NNW 79	NNW 50	NNW 62	NNW 60	NNW 27	NNW 47	NNW 59	NNW 55	NNW 55	NNW 63	NNW 79
42	SE 47	NNW 72	NNW 55	NNW 54	NNW 54	NNW 46	NNW 56	NNW 41	NNW 62	NNW 58	NNW 54	NNW 65	NNW 72
43	SSW 48	SSW 62	SSW 59	SSW 57	SSW 57	SSW 58	NNW 45	NNW 55	NNW 55	NNW 62	NNW 90	NNW 61	NNW 61
44	SE 49	SSW 54	NNW 41	NNW 49	NNW 49	NNW 44	NNW 45	NNW 49	NNW 58	NNW 37	NNW 72	NNW 64	NNW 64
45	NNW 69	NNW 74	NNW 41	NNW 50	NNW 59	NNW 37	NNW 34	NNW 45	NNW 50	NNW 47	NNW 56	NNW 53	NNW 74
46	NNW 74	NNW 69	NNW 55	NNW 47	NNW 31	NNW 35	NNW 45	NNW 44	NNW 67	NNW 51	NNW 60	NNW 54	NNW 74
47	SSW 57	SSW 66	NNW 49	NNW 48	NNW 47	NNW 33	NNW 32	NNW 41	NNW 44	NNW 60	NNW 40	NNW 59	NNW 66
48	SSW 76	NNW 72	NNW 48	NNW 68	NNW 49	NNW 33	NNW 33	NNW 32	NNW 47	NNW 47	NNW 69	NNW 50	NNW 76
49	SSW 38	NNW 37	NNW 46	NNW 56	NNW 32	NNW 43	NNW 35	NNW 37	NNW 57	NNW 44	NNW 71	NNW 62	NNW 62
50	SE 61	NNW 45	NNW 56	NNW 56	NNW 32	NNW 42	NNW 37	NNW 64	NNW 46	NNW 51	NNW 63	NNW 63	NNW 63
51	NNW 20	NNW 39	NNW 54	NNW 49	NNW 42	NNW 38	NNW 31	NNW 40	NNW 47	NNW 57	NNW 47	NNW 47	NNW 59
52	NNW 22	NNW 69	NNW 62	NNW 51	NNW 58	NNW 41	NNW 32	NNW 42	NNW 61	NNW 61	NNW 74	NNW 64	NNW 74
53	NNW 09	NNW 37	NNW 45	NNW 42	NNW 39	NNW 32	NNW 44	NNW 52	NNW 49	NNW 40	NNW 66	NNW 54	NNW 66
54	NNW 18	NNW 56	NNW 54	NNW 58	NNW 50	NNW 45	NNW 36	NNW 41	NNW 59	NNW 74	NNW 76	NNW 66	NNW 76
55	NNW 22	NNW 66	NNW 58	NNW 86	NNW 48	NNW 41	NNW 39	NNW 54	NNW 76	NNW 54	NNW 53	NNW 60	NNW 86
56	NNW 05	NNW 47	NNW 76	NNW 70	NNW 54	NNW 36	NNW 46	NNW 41	NNW 43	NNW 95	NNW 28	NNW 72	NNW 95
57	MEAN	60.7	61.8	63.8	59.8	54.3	45.0	45.0	50.3	56.3	64.4	66.9	61.2
58	S.D.	.500	.500	.500	.500	.500	.500	.500	.500	.500	.500	.500	.500
59	TOTAL OBS.	832	758	833	776	712	806	832	837	778	832	809	9664

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

50-77

ADAK, ALASKA

STATION NAME

STATION

YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/[illegible]

NAVWEASERVCOM

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3		.6	1.3	.6						4.5	13.1
NNE		4.5	1.9	2.6	.6	.6	.6	.6				11.6	12.0
NE	1.9	.6	1.3	2.6		1.9	.6					9.0	13.4
ENE			1.9	3.2	1.3	.6	.6					7.7	16.2
E		1.9	1.3	3.9	1.3	1.3						9.7	13.5
ESE				1.3								1.3	13.0
SE		1.3										1.3	5.5
SSE	.6	2.6		.6								3.9	6.2
S	1.3		1.3	.6	1.3	.6	.6					5.8	14.0
SSW	.6		.6		.6							1.9	9.3
SW	.6	1.3	.6	2.6		.6	.6	.6				6.5	12.8
WSW	.6	2.6	3.2	1.3	.6	.6	.6					9.7	10.7
W		2.6	1.9	1.9		.6						7.1	9.9
WNW		.6				.6						1.3	14.0
NW			1.3	.6								1.9	9.7
NNW		.6	1.3	.6		.6						3.2	12.6
VARBL													
CALM												13.5	
	6.5	20.0	16.8	22.6	7.1	9.0	3.2	1.3				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

04

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	1.3	1.3	.6	1.3						5.8	13.4
NNE	1.3	3.9	1.3	2.6	.6	1.3	1.3					12.3	12.6
NE	.6	1.3	3.2	1.9	1.9		.6	.6				10.3	13.9
ENE		.6	.6	2.6	1.3		.6					5.8	15.2
E	.6		1.3	4.5	2.6	1.3						10.3	15.0
ESE			1.3	1.3	.6							3.2	12.6
SE	.6											.6	3.0
SSE		1.3		1.3		.6						3.2	11.8
S	1.3	.6			.6	.6	.6					3.9	14.0
SSW	1.3		1.9									3.2	5.8
SW		.6	1.9	1.9	.6	.6	.6					6.5	14.7
WSW	.6	1.3	1.9	3.2								7.1	9.4
W	.6	.6	1.3	3.9	.6	1.3						8.4	13.2
WNW													
NW	.6	.6	.6			.6						2.6	10.0
NNW		.6	.6			.6						1.9	13.0
VARBL													
CALM												14.8	
	7.7	12.9	17.4	24.5	9.7	8.4	3.9	.6				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6		1.9		1.3	.6					4.5	18.0
NNE	2.6	1.9	1.9	4.5	.6		1.3					12.9	11.2
NE		.6	1.9	2.6	.6	.6		.6				7.1	14.8
ENE	1.3	1.3	1.9	5.2	1.3	2.6						13.5	13.2
E		.6	3.2	5.2	1.3	2.6						12.9	14.3
ESE				1.3								1.3	13.5
SE													
SSE			1.9		.6							2.6	10.6
S	.6	.6	1.9									3.2	6.2
SSW	1.3		.6	1.3	.6	.6						4.5	12.1
SW		.6		.6	.6	.6	.6					3.2	18.0
WSW		1.3	2.6	2.6	.6							7.1	10.4
W	1.3	2.6	1.9	.6	1.3	1.3						9.0	10.6
WNW		.6	.6									1.3	7.0
NW			.6									.6	9.0
NNW			.6	1.3		.6	.6					3.2	18.2
VARBL													
CALM												12.9	
	7.1	11.0	20.0	27.1	7.7	10.3	3.2	.6				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	2.6	1.9	.6	1.9						9.0	12.4
NNE	1.3	1.9	1.9	2.6	.6	1.3						9.7	11.5
NE		1.9		1.9		.6	1.3					5.8	15.8
ENE		1.3	3.9	1.3	3.2	2.6						12.3	14.2
E		1.3	3.9	2.6	1.9	.6						10.3	12.1
ESE	.6	1.3	1.3	1.9		.6						5.8	9.9
SE		.6		.6								1.3	8.0
SSE													
S		1.3	1.3	2.6	.6							5.8	10.4
SSW	1.3		.6	.6		.6						3.2	9.4
SW		.6	.6	2.6		.6	.6					5.2	14.9
WSW	.6	.6	1.3	1.3	1.3	1.3						5.2	12.1
W	1.3	1.9	1.9	2.6	1.3							9.0	10.1
WNW	.6		2.6			.6						3.9	9.7
NW	.6	1.3		.6								2.6	5.5
NNW		1.3			.6	.6						2.6	13.0
VARBL													
CALM												8.4	
	7.7	16.1	21.9	23.2	9.0	11.6	1.9					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0800

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN

MONTH

13

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

0000

TOTAL NUMBER OF OBSERVATIONS

155

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	.6	1.3		1.3						4.5	13.4
NNE	1.3	2.6	2.6	1.9	.6	.6	.6					10.3	10.9
NE	.6	1.9	.6	1.9		1.9	1.3					8.4	15.4
ENE	.6	.6	3.9	4.5	2.6	.6		.6				12.9	13.9
E	.6	1.3	1.3	3.9	1.9	2.6						11.6	14.3
ESE	.6	.6		.6	1.3	.6						3.2	15.8
SE	.6	.6										1.3	4.0
SSE	.6	1.3		.6	.6							3.2	9.6
S	.6	1.3	1.3	2.6								5.2	11.0
SSW		.6	2.6			.6	.6					4.5	13.6
SW	.6	1.9	1.3	1.9			.6	.6				6.3	10.5
WSW	.6	1.9	1.3	2.6	.6		1.3					8.4	12.8
W		.6	1.9	3.9								6.3	11.4
WNW			.6									.6	9.0
NW			1.3	1.3								2.6	11.3
NNW		1.3	.6	.6	.6	.6						3.9	13.3
VARBL													
CALM												6.3	
	5.2	13.1	20.0	27.7	8.4	9.0	4.5	.6				100.0	11.9

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.6	2.6	.6	.6	.6						7.1	10.1
NNE	.6	2.6	1.9	1.3	1.9	1.9						10.3	13.1
NE		1.3	1.3	3.9	2.6	.6		.6				10.3	14.9
ENE		1.3	1.9	2.6	2.6	.6		.6				9.7	15.3
E		.6	1.9	2.6	.6	.6	.6					7.1	14.4
ESE		1.3	1.3	1.9								3.2	11.8
SE		1.3										1.3	6.0
SSE	1.3			.6		1.3						3.2	13.6
S	.6	3.2	.6	1.9								6.5	8.4
SSW	.6	.6	.6	.6	.6	.6	.6					4.5	14.3
SW	.6	1.3	2.6	1.3		.6						6.5	9.8
WSW		.6	.6	3.2		.6	.6					5.8	14.7
W		1.3	1.9	1.9	.6							3.9	13.0
WNW		1.9	.6	.6								3.2	7.8
NW		.6	.6	1.3								1.9	10.7
NNW	.6		1.9	2.6		.6						5.8	12.1
VARBL													
CALM												9.7	
	4.5	17.4	20.0	27.1	9.7	8.4	1.9	1.3				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			1.9	1.3		1.3						4.5	14.0
NNE		1.3	7.1	1.9	1.9	1.3	.6					14.2	13.0
NE	1.3	.6	1.3	.6	1.3		1.3					6.5	14.2
ENE	.6	.6	1.3	3.2	1.9	1.3	.6					9.7	15.8
E		2.6	.6	3.9	1.9	1.9						11.0	13.9
ESE		.6	.6									1.3	6.5
SE	.6				.6	.6						1.9	15.0
SSE				.6								.6	14.0
S	1.3		1.9	1.3	1.3							5.8	10.1
SSW	.6	.6	1.9				.6					3.9	11.0
SW		.6	2.6	.6	1.3	2.6						7.7	15.4
WSW	.6	.6	1.3	.6		.6						3.9	10.3
W	1.3	.6	2.6	1.9								6.5	8.7
WNW		.6	.6	.6								1.9	8.0
NW		1.9	.6	.6								3.2	6.6
NNW	.6	.6	.6	.6		.6						3.2	10.6
VARBL													
CALM												14.2	
	7.1	11.6	25.2	18.1	10.3	10.3	3.2					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	1.3	.6	1.3							5.2	10.4
NNE	.6	3.9	3.2	3.9	1.9	1.9						15.5	11.7
NE	.6		1.9	2.6	.6	1.3	.6					7.7	13.8
ENE			.6	3.2	.6	1.3						5.8	15.8
E	.6	1.3	1.3	2.6	1.9	1.3	.6					9.7	14.7
ESE			1.3			.6						1.9	13.0
SE				.6		.6						1.3	19.0
SSE	.6						.6					1.3	16.0
S		.6	.6	1.9			.6					3.9	14.3
SSW		.6			1.3							1.9	14.3
SW			1.3	1.3		1.3	.6	.6				5.2	20.0
WSW	1.9	2.6	3.9	.6			.6					9.7	8.3
W	.6	3.2	1.9	1.9								7.7	8.1
WNW		1.3		.6	.6							2.6	11.0
NW				.6								.6	12.0
NNW			1.3	1.9		.6						3.9	12.8
VARBL													
CALM												16.1	
	5.8	14.8	18.7	22.6	8.4	9.0	3.9	.6				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.1	1.3	1.2	.6	1.0	.1					5.6	12.8
NNE	1.0	2.8	2.7	2.7	1.1	1.1	.6	.1				12.1	12.0
NE	.6	1.0	1.5	2.3	.9	.9	.7	.2				8.1	14.5
ENE	.2	.7	2.0	3.2	1.9	1.2	.2	.2				9.7	14.7
E	.2	1.2	1.9	3.6	1.7	1.5	.2					10.3	14.0
ESE	.1	.3	.7	1.0	.2	.2						2.7	11.9
SE	.2	.5		.2	.1	.2						1.1	9.5
SSE	.4	.6	.2	.5	.2	.2	.1					2.3	10.8
S	.6	1.0	1.1	1.4	.5	.2	.2					5.0	11.0
SSW	.7	.3	1.1	.3	.4	.3	.2					3.5	11.5
SW	.2	.9	1.4	1.6	.3	.9	.4	.2				5.9	14.1
WSW	.6	1.5	2.0	1.9	.2	.4	.4					7.1	10.9
W	.6	1.5	1.9	2.3	.5	.4						7.3	10.3
WNW	.1	.6	.6	.2	.1	.2						1.9	9.4
NW	.2	.5	.6	.6	.1	.1						2.0	8.9
NNW	.2	.6	.9	1.0	.2	.6	.1					3.5	13.1
VARBL													
CALM												12.0	
	6.5	15.2	20.0	24.1	8.8	9.5	3.2	.6				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

01

HOURE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.1	1.4	4.3		.7						6.5	11.8
NNE	.7	1.4	2.8	2.8	3.5	2.8						14.2	14.8
NE			.7			1.4						2.1	18.3
ENE				.7	.7	1.4	.7					3.5	21.0
E		.7	1.4	2.8	1.4	.7	.7					7.8	14.8
ESE		.7	.7	.7		.7						2.8	12.3
SE		.7		.7	.7							2.1	13.0
SSE			1.4		.7	.7						2.8	15.0
S	1.4	.7	2.8		.7	.7						5.7	8.5
SSW			.7	2.1	1.4							4.3	13.8
SW				1.4	2.1		.7	1.4				5.7	22.9
WSW		.7	1.4	1.4	.7	.7			.7			5.7	17.0
W	1.4	.7	2.1	.7	.7	2.8						8.5	13.6
WNW		2.8	2.8		.7							6.4	8.9
NW		.7	2.8	.7	.7							5.0	10.0
NNW	.7		.7	1.4	.7							3.5	11.2
VARBL													
CALA												11.3	
	4.3	11.3	22.0	19.9	14.2	12.8	2.1	1.4	.7			100.0	12.4

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

04

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.7	2.8	2.8	.7						7.8	14.8
NNE	.7	1.4	2.8	4.3	1.4	1.4						12.1	12.2
NE			.7		1.4	1.4	.7					4.3	20.3
ENE					.7	1.4						2.1	21.7
E	.7			3.5	1.4		.7					6.4	15.4
ESE		.7	.7	1.4	.7							3.5	11.6
SE	.7		.7	.7								2.1	9.3
SSE			.7	2.1				.7				3.5	17.2
S	1.4	.7	1.4	2.1	.7		.7					7.1	11.8
SSW	.7	1.4		.7								2.8	6.5
SW			1.4	2.8		1.4	1.4					7.1	18.7
WSW		.7	.7	.7	1.4	.7	.7					5.0	16.9
W	1.4	1.4	2.1	1.4	1.4	1.4		.7				9.9	13.9
WNW			.7	.7								1.4	11.0
NW	1.4	.7	1.4	2.1			.7					6.4	10.6
NNW		.7		1.4		.7	.7					3.5	17.6
VARBL													
CALM												14.9	
	7.1	8.5	14.2	27.0	12.1	9.2	5.7	1.4				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

07

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.5	1.4	2.1	1.4	1.4						11.3	11.1
NNE	.7	.7	1.4	3.5	1.4	1.4						9.2	13.9
NE			.7	2.1	.7	.7	.7					5.0	18.1
ENE				.7	.7	.7	.7					2.8	23.0
E			.7	1.4	.7	1.4	.7					5.0	18.7
ESE					1.4							1.4	20.0
SE			.7	1.4	.7							2.8	13.8
SSE	.7			1.4	.7							2.8	12.0
S			5.0	1.4	.7			.7				7.8	12.7
SSW	.7			.7		.7						2.1	12.7
SW		1.4		2.1	.7	1.4	.7					6.4	16.7
WSW	2.8	1.4	.7	1.4	1.4		1.4					9.2	11.1
W	1.4	.7	2.1	1.4	3.5	1.4						10.6	13.7
WNW	.7		.7	2.8								4.3	11.2
NW		1.4	1.4	.7	.7							4.3	10.3
NNW		.7	2.1	.7			1.4					5.0	15.1
VARBL													
CALM												9.9	
	8.5	9.9	17.0	24.1	14.9	9.2	5.7	.7				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

10

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	2.1	2.8	2.1	2.1						11.3	13.7
NNE	.7	.7	.7	2.1	2.8							7.1	13.6
NE			.7	2.1	.7	.7	.7	1.4				6.4	21.7
ENE			1.4	2.1	.7							4.3	13.7
E				3.5		2.1	.7					6.4	18.7
ESE			.7	2.1	.7							3.5	14.2
SE				.7	.7	.7						2.1	19.0
SSE		2.1	1.4	.7								4.3	9.0
S		1.4	1.4	1.4		.7						5.0	11.1
SSW				.7		.7						1.4	17.5
SW	.7		2.1	1.4	.7	1.4	.7					7.1	14.6
WSW	1.4	.7	1.4		3.5	1.4	2.1					10.6	17.4
W	1.4	2.1	.7	1.4	.7	2.8	.7					9.9	14.0
WNW		.7	.7	1.4	.7							2.8	13.0
NW		.7	.7	1.4	.7	.7						4.3	14.3
NNW		.7	.7	2.8			.7					5.0	15.1
VARBL													
CALM												8.5	
	5.0	10.6	14.2	27.0	14.2	13.5	5.7	1.4				100.0	13.8

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

FEB
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	3.5	3.5	2.8	.7	.7					12.1	14.4
NNE	.7			2.8	1.4	.7	.7					6.4	16.4
NE				1.4	2.1	1.4	.7					5.7	21.0
ENE			.7	2.8	.7	.7						5.0	15.0
E	.7	.7	.7	.7	.7	.7	1.4					5.7	16.3
ESE			.7	1.4		1.4						3.5	16.4
SE					.7							.7	20.0
SSE		.7	1.4	1.4	.7							4.3	10.8
S	.7	3.5	2.1	2.8	.7	.7						10.6	9.1
SSW	.7		.7	2.1	.7	.7						5.0	13.7
SW			.7	3.5		.7	.7	.7				6.4	18.7
WSW		1.4		1.4	1.4	.7	.7					5.7	16.6
W		.7		4.3	2.8	2.8						10.6	17.1
WNW		1.4	1.4	1.4	1.4	1.4						7.1	14.5
NW	.7											.7	2.0
NNW		.7		2.1	.7		.7					4.3	16.2
VARBL													
CALM												6.4	
	3.5	9.9	12.1	31.9	17.0	12.8	5.7	.7				100.0	14.2

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.7	.7	2.1	3.5	1.4						9.9	14.9
NNE		.7	2.1	2.1	2.1	1.4	.7					9.2	15.7
NE	.7			.7	2.8	.7	.7					5.7	18.8
ENE			2.1	.7	.7	.7	.7					4.3	15.0
E	.7	.7	.7	.7	1.4		.7					5.0	14.7
ESE	.7				1.4							2.1	14.0
SE		.7		.7	.7							2.1	11.7
SSE			2.1	3.5		.7						6.4	12.8
S		1.4	2.1	.7	.7	.7						5.7	10.8
SSW		1.4	1.4	1.4	.7	.7						5.7	12.1
SW			2.1	1.4		.7	1.4					5.7	18.8
WSW			.7	4.3		1.4		.7				7.1	16.8
W			1.4	2.1	1.4	2.1						7.1	16.7
WNW	.7	2.1	.7	2.1	1.4							7.1	10.3
NW	.7	.7	2.1	.7	.7							5.0	10.3
NNW		2.1	2.1	1.4	1.4	.7						7.8	11.5
VARBL													
CALM												4.3	
	5.0	10.6	20.6	24.8	19.1	10.6	4.3	.7				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

FEB
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.1	2.1	2.8	3.5		.7					11.3	13.9
NNE		2.8	1.4	3.5	1.4	1.4						10.6	12.4
NE						3.5						3.5	23.6
ENE			1.4	.7	2.1	1.4						5.7	16.3
E	.7		.7	2.8	1.4	1.4		.7				7.8	18.0
ESE	.7		.7	.7	.7							2.8	11.3
SE				.7	.7							.7	14.0
SSE		.7	2.1	.7	2.1							5.7	12.4
S	.7	.7	.7	.7		.7						3.5	11.0
SSW	.7		1.4	2.1	.7	.7						5.7	11.8
SW			2.8	2.1	.7	.7		.7	.7			5.7	12.3
WSW		.7				1.4						3.5	26.2
W	.7	2.1	1.4	5.0	.7	.7	.7					11.3	13.0
WNW		2.8	.7	2.1	1.4							7.1	10.7
NW		.7	2.1	.7	.7							4.3	10.0
NNW			.7		2.1	1.4						4.3	18.7
VARBL												6.4	
CALM													
	3.5	12.8	18.4	24.8	17.0	13.5	1.4	1.4	.7			100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

FEB

MONTH

22

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.4	2.8	1.4	.7						7.8	12.3
NNE		.7	2.1	2.8	4.3	2.1	.7					12.8	15.9
NE		1.4	.7	.7	.7	.7						4.3	13.8
ENE		.7	.7	.7	1.4	.7	.7					4.3	17.3
E		1.4	1.4	1.4	.7	2.1		.7				6.4	19.1
ESE	.7		1.4									2.1	6.0
SE	.7	.7				.7						1.4	14.0
SSE	.7	.7	.7	1.4	.7	1.4						5.7	13.4
S		.7	.7	.7	.7							2.1	11.7
SSW		2.1	2.1	.7	.7							5.7	8.9
SW			.7	1.4	1.4		.7	.7				5.0	19.7
WSW	.7		1.4	.7	1.4	2.1	.7		.7			7.8	19.3
W	1.4	.7	4.3	1.4	1.4	.7						9.9	10.9
WNW	1.4		1.4	2.8	.7							6.4	10.6
NW	.7	.7	.7	.7	1.4							3.5	11.2
NNW	.7	.7	1.4	.7		.7						4.3	10.2
VARBL													
CALM												10.6	
	7.1	9.9	21.3	17.0	17.0	12.1	2.8	1.4	.7			100.0	12.4

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704

ADAK, ALASKA

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

ALL

HOURE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	1.7	2.9	2.2	1.0	.2					10.0	13.4
NNE	.4	1.1	1.7	3.0	2.3	1.4	.3					10.2	14.3
NE	.1	.2	.4	.9	1.1	1.3	.4	.2				4.6	19.6
ENE		.1	.8	1.0	1.0	.8	.4					4.0	17.2
E	.4	.3	.7	2.1	1.0	1.1	.6	.2				6.3	17.0
ESE	.3	.2	.6	.8	.6	.3						2.7	13.1
SE	.1	.3	.2	.6	.4	.2						1.8	13.8
SSE	.2	.5	1.2	1.4	.6	.4	.1	.1				4.4	12.7
S	.5	1.2	2.0	1.2	.4	.4	.1	.1				5.9	10.7
SSW	.4	.6	.8	1.3	.5	.4						4.1	11.7
SW	.1	.2	1.2	2.0	.6	.8	.8	.4				6.1	17.7
WSW	.6	.7	.8	1.2	1.2	1.1	.7	.2	.3			6.8	16.9
W	1.0	1.1	1.8	2.2	1.6	1.9	.2	.1				9.8	14.0
WNW	.4	1.2	1.1	1.7	.8	.2						5.3	11.2
NW	.4	.7	1.4	.8	.6	.1	.1					4.2	10.7
NNW	.2	.7	1.0	1.3	.6	.4	.4					4.7	14.2
VARBL													
CALM												9.0	
	5.5	10.5	17.5	24.6	15.7	11.7	4.2	1.2	.3			100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

1128

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.3	1.3	1.9	1.3	1.3	.6					9.7	13.0
NNE	.6	1.3	1.9	3.2	.6	.6	.6					9.0	13.1
NE		.6	1.3	1.3	1.9	.6	.6					6.5	16.1
ENE			.6	3.9	1.3	.6						6.5	15.5
E		1.3	3.2	.6	.6							5.8	9.2
ESE			1.3									1.3	8.5
SE		.6		.6		.6						1.9	13.7
SSE				.6	1.9	1.3						3.9	20.0
S	.6	1.3	1.9	1.9								5.8	8.6
SSW	.6	2.6	.6	.6	.6		1.9					7.1	14.3
SW			2.6	1.3	2.6	.6	1.3					8.4	17.3
WSW		1.3	1.9	3.2	1.3	1.3						9.0	14.0
W	.6	.6	.6	2.6	2.6	1.3						8.4	14.8
WNW		.6	1.3			.6	1.9					4.5	19.4
NW			1.3									1.3	8.5
NNW	.6	.6	1.9		1.3	.6						5.2	12.8
YARBL													
CALM												5.8	
	5.2	12.3	21.9	21.9	16.1	9.7	7.1					100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	1.3	4.5	2.6	.6	.6					12.9	13.2
NNE	.6	1.3	1.9	3.2	.6	.6		.6				9.0	12.5
NE	.6	1.3	1.3	1.3	1.3	.6						5.2	14.3
ENE		.6	.6	.6	1.3	1.3						4.5	16.6
E		1.3	1.3	.6	.6	.6						3.2	15.0
ESE	.6		1.3	1.3	.6							3.9	10.3
SE					.6	1.3						1.9	22.7
SSE		.6	1.3									1.9	8.0
S	1.3	.6		1.3	.6	.6						4.5	12.9
SSW	.6		.6	.6	1.3		1.3					4.5	17.3
SW	1.3		1.3	3.2	3.2		1.3					10.3	15.4
WSW	.6	1.3	.6	3.2	3.2	.6	.6					10.3	14.6
W	.6	.6	1.9	4.5	1.9	1.3	.6					11.6	15.3
WNW		2.6	.6	.6	1.3	1.3						6.5	12.8
NW			.6			.6						1.3	17.0
NNW		1.3	.6									1.9	6.0
VARB													
CALM												6.5	
	7.1	11.6	15.5	25.2	19.4	9.7	4.5	.6				100.0	13.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

07

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.9	1.2	3.2	1.3	.6						9.0	11.5
NNE	.6	3.2	3.2	3.2				.6				11.0	10.4
NE		.6	.6	.6	.6	2.6						5.2	18.3
ENE	1.3	.6	1.3	.6	.6	1.3						5.8	12.1
E		.6	.6	1.9	.6							3.2	15.0
ESE		.6	.6	1.3	1.3	.6						4.5	14.1
SE													
SSE			.6	.6		1.3						2.6	16.8
S	.6	2.6	1.9	.6	1.3							7.1	8.6
SSW			1.3	3.9		.6	.6					6.5	15.2
SW	.6	1.3		5.2		.6	1.3					9.0	14.5
WSW			2.6	3.9	1.9	2.6						11.0	15.1
W	.6	1.3	1.3	1.3	3.2	1.3		.6				9.7	15.9
WNW			1.3	1.3	1.3							3.9	13.2
NW													
NNW			.6	2.6	.6							3.9	13.7
VARBL													
CALM												7.7	
	4.5	12.3	17.4	30.3	12.9	11.6	1.9	1.3				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	1.9	3.9	1.3	.6						10.3	11.9
NNE		.6	3.2	3.9	1.9	.6	.6					11.0	14.1
NE		.6		2.6	.6	.6	.6					5.2	16.6
ENE		1.3	.6	1.3	1.3	.6						5.2	13.0
E		.6	3.2	1.9		.6						6.5	10.9
ESE			.6		1.3							1.9	15.0
SE		.6		1.9								2.6	10.0
SSE			.6	1.9		.6						3.2	13.0
S			1.3	1.9		1.3						4.5	15.1
SSW		1.3	3.2	1.3	1.3		.6					7.7	12.1
SW			.6	6.5	1.9	1.3						10.3	15.8
WSW	1.3	1.9	.6	3.2	1.9	2.6						11.6	13.9
W	1.3	.6	1.3	1.3	1.3	1.3	.6					7.7	14.1
WNW		.6	.6	1.9								3.2	10.6
NW		.6	.6	2.6								3.9	12.2
NNW		.6		1.3	1.3							3.2	14.0
VARBL													
CALM												1.9	
	3.9	11.0	18.7	37.4	14.2	10.3	2.6					100.0	13.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		1.9	3.9	.6	1.3	.6					9.0	14.3
NNE		.6	1.3	3.9	2.6							8.4	13.1
NE		.6	1.3	3.9	.6		.6					7.1	13.6
ENE		1.3	.6	2.6	1.3							5.8	12.2
E		1.3	1.3	2.6	1.9							7.1	12.5
ESE			.6	.6								1.3	11.5
SE				1.3								1.3	14.0
SSE		.6	.6	.6	.6							2.6	11.5
S			1.9	1.3		.6	.6					4.5	16.0
SSW			2.6	1.9	1.3		.6					6.5	14.6
SW	.6		1.3	2.6	.6	1.9						7.1	15.1
WSW	1.3		1.3	6.5	1.9	3.2						14.2	15.2
W		.6	1.9	1.9	1.3	1.9	.6					8.4	16.1
WNW		.6	.6	2.6	.6	.6						5.2	14.6
NW	.6	.6	.6	1.9	.6							3.9	10.8
NNW		1.9	.6	3.2	1.3							7.1	11.5
VARBL													
CALM												.6	
	3.2	8.4	18.1	41.3	15.5	9.7	3.2					100.0	13.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAR
MONTH

16

HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	1.3	3.9	.6	1.9						11.0	11.9
NNE			1.9	3.2		1.3	.6					7.1	16.3
NE		.6		3.9	1.3	1.3						7.1	15.7
ENE		1.3	.6	1.3	.6	.6						4.5	12.7
E		.6	.6	4.5	.6	.6						6.5	14.7
ESE				.6	.6							1.3	16.5
SE			1.3		.6							1.9	11.0
SSE		1.9	1.3		.6							3.9	8.3
S	.6	.6	3.2	3.2	1.3	.6	.6					10.3	13.5
SSW	.6				.6	1.3	.6					3.2	20.6
SW			1.3	2.6	3.2							7.1	15.0
WSW		.6	.6	6.5	1.3	1.3	.6	.6				11.6	16.7
W		.6	1.9	5.2	1.3		.6	.6				10.3	15.6
WNW		1.9	1.3	.6	.6		.6					5.2	11.5
NW			.6	.6								1.3	11.0
NNW			.6	3.2	1.9							5.8	14.1
VARBL													
CALM												1.9	
	2.6	9.7	16.8	39.4	15.5	9.0	3.9	1.3				100.0	14.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	.6	1.9	2.6	2.6						11.0	14.2
NNE	.6	.6	3.2	4.5	.6	.6	.6					11.0	12.8
NE				1.9	1.3	.6	.6					4.5	18.9
ENE			1.3	1.9	.6							3.9	13.0
E		.6	.6	2.6	2.6	.6						7.1	15.5
ESE			.6	.6	.6							1.3	14.5
SE	.6	1.3		.6								2.6	6.5
SSE	1.3	1.3	1.3	1.3	.6							5.8	8.9
S	.6	.6	3.2	1.3			.6					6.5	11.1
SSW		.6	.6	1.9			.6					3.9	13.8
SW	1.3	.6	.6	5.2	.6	2.6	1.3					11.6	16.4
WSW	.6	.6	1.3	2.6	1.3	.6	.6					7.7	13.8
W		.6	1.3	3.2		.6	.6		.6			7.1	17.5
WNW	.6		1.9		.6	.6		.6				4.5	15.0
NW	.6	1.3	1.3	1.3								4.5	8.0
NNW		1.9	.6	1.9	.6							5.2	9.9
VARBL													
CALM												1.9	
	7.1	12.3	18.7	32.3	12.3	9.0	5.2	.6	.6			100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAR

MONTH

22

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	.6	2.6	2.6	1.3						9.0	14.7
NNE		1.3	2.6	3.2	.6	.6						8.4	12.4
NE			1.3	1.3	1.9	.6	.6					5.8	17.6
ENE		.6	1.3	1.9	2.6		.6					7.1	15.4
E		1.9	.6	1.3	.6	.6						5.2	11.4
ESE			.6		.6							1.3	14.0
SE		1.3			.6							1.9	11.0
SSE	.6	1.3	1.3	.6		.6						4.3	8.4
S	2.6	1.3	2.6	.6			.6					7.7	8.1
SSW	.6	1.3	1.9	.6	.6		.6					5.8	11.1
SW	1.3	1.3	3.2	1.9	.6	2.6	1.3					11.0	16.1
WSW	.6	.6	.6	.6		2.6			.6			5.8	19.0
W	.6	1.3	1.3	3.9	1.3	2.6						11.0	14.5
WNW		1.3	.6	.6	1.3		.6					4.3	14.4
NW		1.3	.6									1.9	6.3
NNW			.6	2.6		1.3						4.3	15.3
VARBL													
CALM												4.5	
	5.8	16.8	19.4	21.9	13.5	12.9	4.5		.6			100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.7	1.3	3.2	1.6	1.3	.2					10.2	13.1
NNE	.3	1.1	2.4	3.5	.9	.6	.3	.2				9.4	12.9
NE	.1	.4	.7	2.1	1.2	.9	.4					5.8	16.2
ENE	.2	.7	.9	1.8	1.2	.6	.1					5.4	13.9
E		.7	1.5	2.0	1.0	.4						5.6	12.9
ESE	.1	.1	.7	.5	.6	.1						2.1	12.9
SE	.1	.5	.2	.6	.2	.2						1.8	12.2
SSE	.2	.7	.9	.7	.5	.5						3.5	11.6
S	.8	.9	2.0	1.5	.4	.4	.3					6.4	11.4
SSW	.3	.7	1.4	1.4	.7	.2	.9					5.6	14.4
SW	.5	.3	1.4	3.5	1.6	1.2	.8					9.4	15.8
WSW	.6	.8	1.1	3.7	1.6	1.9	.2	.1	.1			10.2	15.1
W	.5	.8	1.5	3.0	1.6	1.3	.4	.2	.1			9.3	15.4
WNW	.1	1.0	1.0	1.0	.7	.4	.4	.1				4.7	14.0
NW	.2	.5	.6	.8	.1	.1						2.3	10.2
NNW	.1	.8	.7	1.9	.9	.2						4.6	12.5
VARBL													
CALM												3.9	
	4.9	11.8	18.3	31.2	14.9	10.2	4.1	.5	.2			100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.3	3.3	.7	1.3	.7						9.3	9.7
NNE		.7	1.3	2.0	1.3	1.3						6.7	14.7
NE		1.3	2.7	.7	.7							5.3	9.5
ENE		.7	.7	.7								2.0	10.0
E		.7	.7			.7						2.0	12.7
ESE			.7	1.3		.7						2.7	14.8
SE		.7		1.3								2.0	10.3
SSE		.7			.7							1.3	13.0
S	.7	.7	3.3	2.0		.7	.7					8.0	12.7
SSW	1.3			2.0	.7	.7						4.7	12.0
SW	1.3	2.0		3.3	2.0							8.7	11.1
WSW	.7	.7	1.3	4.0	2.0		.7					8.7	14.6
W	.7	.7	4.7	2.0	.7	.7		.7				10.0	12.5
WNW	.7	2.7	.7	4.0	.7	.7			.7			10.0	13.5
NW			2.0		.7		.7					3.3	14.0
NNW	.7	.7	1.3		.7		.7					4.0	12.5
VARBL													
CALM												11.3	
	7.3	13.3	22.7	24.0	11.3	6.0	2.7	.7	.7			100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	4.0	2.0	.7	.7	.7					12.0	10.2
NNE		3.3		1.3								6.0	10.6
NE		.7	2.0	.7								3.3	10.4
ENE		1.3	1.3	1.3								4.0	8.2
E		1.3	1.3	.7			.7					4.0	12.2
ESE	.7	.7		.7								2.0	8.0
SE				.7		.7						1.3	20.5
SSE			1.3	.7								2.0	11.0
S	1.3	.7	.7	4.7		.7	.7					8.7	13.3
SSW	.7			1.3								2.0	9.0
SW	.7	1.3		1.3	.7	.7	1.3					6.0	15.9
WSW		2.0	2.0	5.3	2.7							12.0	12.3
W	.7	2.7	1.3	4.0	.7	.7						10.0	10.6
WNW		1.3	.7	2.0			.7	1.3				6.0	18.1
NW		1.3		.7	.7	2.0						4.0	16.5
NNW		.7	2.0	1.3	.7							4.7	12.1
VARBL													
CALM												12.0	
	5.3	20.0	16.7	27.3	6.0	5.3	4.0	1.3				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

ADAK, ALASKA

73-77

APR
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

STATION NAME

YEARS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.0	2.7	2.7	1.3	.7	.7					13.3	10.9
NNE	1.3	4.0	2.0	1.3	.7							9.3	8.1
NE			1.3									1.3	9.0
ENE			2.0	1.3								3.3	9.4
E	1.3		2.0	2.0	.7							6.0	9.8
ESE				.7								.7	14.0
SE			.7	.7	.7							2.0	13.3
SSE		.7	.7	1.3		.7						3.3	13.8
S	.7	.7	2.0	1.3			1.3					6.0	13.2
SSW				.7	1.3		.7					2.7	20.8
SW	1.3	.7	.7	2.7	1.3	.7	.7					8.0	13.1
WSW	2.0	2.7	1.3	2.0	.7	.7	.7					10.0	9.9
W		2.0	2.0	3.3	2.0	1.3						10.7	13.8
WNW		1.3	.7	.7	1.3	.7		1.3				6.0	18.7
NW		.7	.7	2.0	1.3	.7						5.3	14.5
NNW		.7	1.3		.7							2.7	9.8
VARBL													
CALM												9.3	
	8.0	17.3	20.0	22.7	12.0	5.3	4.0	1.3				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	4.0	2.7	1.3	2.0						14.0	11.5
NNE	1.3	2.0	.7	1.3	.7							6.0	8.3
NE			2.0	.7								2.7	10.8
ENE	.7		6.0	2.0								8.7	9.6
E		1.3	.7	1.3								3.3	10.4
ESE	1.3	.7	.7	.7	.7							4.0	8.0
SE		.7	.7	.7								1.3	10.0
SSE	.7	.7	3.3	2.7								7.3	10.1
S		.7	2.0	2.0		.7						5.3	12.0
SSW			2.0		.7			.7				3.3	17.0
SW			.7	2.7		1.3						4.7	16.0
WSW			2.0	5.3	2.7	.7						10.7	14.6
W		2.7	3.3	4.7	2.0							12.7	11.4
WNW			.7	.7	1.3	.7		1.3				4.7	22.4
NW	.7		.7	2.0	.7	1.3						5.3	14.1
NNW		.7	2.7	.7								4.0	9.2
VARBL													
CALM												2.0	
	6.7	10.7	32.0	30.0	10.0	6.7		2.0				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

STATION 25704 ADAK, ALASKA STATION NAME YEARS 73-77 MONTH APR
CLASS ALL WEATHER HOURS (L.S.T.) 13

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.7	3.3	3.3	2.0							11.3	10.9
NNE			2.7	4.7		.7						8.0	13.2
NE	2.0		2.0	1.3	.7							6.0	8.7
ENE			4.7	2.0	.7							7.3	10.5
E	.7	2.0	3.3	.7		.7						7.3	8.7
ESE			.7									.7	7.0
SE				1.3								1.3	14.5
SSE			2.0	1.3	.7	.7						4.7	14.6
S			2.0	2.7	.7	.7						5.3	12.9
SSW		.7	.7	1.3	.7							3.3	13.2
SW			.7	1.3	1.3	.7	.7		.7			5.3	21.4
WSW		.7	.7	4.0	2.0	1.3						8.7	15.8
W		.7	3.3	7.3	2.0	1.3	.7					15.3	14.4
WNW			2.7	3.3		.7		.7				7.3	15.2
NW		.7	1.3	2.0		.7						4.7	12.0
NNW				.7	.7	.7						2.0	18.7
VARBL													
CALA												1.3	
	2.7	7.3	30.0	37.3	10.7	8.0	1.3	.7	.7			100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.7	6.7	2.0	.7						13.3	12.3
NNE			2.0	2.7	.7	.7						6.0	13.7
NE			2.0	2.0	1.3							5.3	12.5
ENE	.7	.7	2.7	2.0								6.0	8.4
E	.7	3.3	1.3	2.7								8.0	7.9
ESE		.7	.7	.7								2.0	9.0
SE				.7	.7							.7	12.0
SSE		.7	.7	1.3	1.3							4.0	13.3
S			2.0	2.0	2.0	.7						6.7	14.7
SSW			1.3	.7	.7							2.0	10.3
SW		1.3	.7	2.7	2.7	.7						7.3	13.1
WSW		.7	.7	4.7	2.7	.7		.7				10.0	17.0
W		.7	1.3	3.3	2.7	1.3						9.3	14.6
WNW		1.3	2.7	4.0	.7	.7		.7		.7		10.7	15.9
NW		.7	.7	1.3		.7						2.7	15.3
NNW		.7	3.3	.7								4.7	8.6
VARBL													
CALM												1.3	
	1.3	11.3	24.7	38.0	16.0	5.3		1.3		.7		100.0	12.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.7	2.0	4.0	.7	.7	.7					10.0	11.7
NNE	.7		2.7	4.0	1.3	.7		.7				10.0	14.7
NE	.7		.7	.7								2.0	8.7
ENE	1.3	2.0	2.7	.7		.7						7.3	8.8
E			.7	1.3	.7							2.7	12.8
ESE		2.0										2.0	5.0
SE		.7	.7	2.0	.7							4.0	12.8
SSE			.7	.7								1.3	13.0
S			5.3	2.0	2.0	.7						10.0	12.8
SSW			1.3	.7								2.0	10.7
SW		1.3	2.7		1.3							5.3	10.0
WSW	.7	1.3	.7	4.7	1.3	.7						9.3	12.6
W	.7	1.3	4.7	2.7	2.7		.7	.7				13.3	13.2
WNW		.7	1.3	2.7	.7		1.3				.7	7.3	18.8
NW			2.7	1.3								4.0	10.8
NNW		2.0	.7	2.7		.7						6.0	10.9
VARBL													
CALM												3.3	
	4.0	14.0	29.3	30.0	11.3	3.3	2.7	1.3			.7	100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	.7		1.3	.7	.7	.7					6.0	12.9
NNE		1.3	2.7	2.0	1.3		.7					8.0	12.3
NE	.7		.7	1.3		.7						3.3	11.6
ENE		1.3	.7	.7								2.7	8.0
E	.7	1.3	1.3	1.3								4.7	8.7
ESE		.7	.7	1.3								2.7	9.5
SE				2.0								2.0	14.3
SSE	.7		.7	.7			.7					2.7	13.0
S		2.7	2.7	2.0		1.3						8.7	11.2
SSW	.7	1.3	1.3	.7		.7						3.3	12.6
SW	1.3	.7	.7	4.0								6.7	10.5
WSW	1.3	3.3	1.3	2.7	2.7		.7					12.0	11.4
W	.7	2.0	.7	2.7	.7		.7		.7			8.0	14.3
WNW	.7	.7	2.7	3.3	.7	.7			.7			9.3	14.0
NW	1.3	1.3	.7	4.0	1.3							7.3	12.5
NNW	1.3	.7	1.3	1.3								4.7	7.6
VARBL													
CALM												8.0	
	10.0	16.7	18.0	31.3	7.3	4.0	3.3		1.3			100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	2.7	2.9	1.2	.7	.3					11.2	11.2
NNE	.4	1.4	1.7	2.4	.9	.4	.1	.1				7.5	12.0
NE	.4	.2	1.7	.8	.4							3.7	10.3
ENE	.3	.7	2.6	1.3	.1	.1						5.2	9.2
E	.4	1.2	1.4	1.2	.2	.2	.1					4.7	9.7
ESE	.2	.6	.4	.7	.1	.1						2.1	9.3
SE	.2	.2	.2	1.2	.2	.1						1.8	13.3
SSE	.2	.3	1.2	1.1	.3	.2	.1					3.3	12.5
S	.3	.7	2.5	2.3	.5	.7	.3					7.3	12.8
SSW	.3	.1	.8	.9	.4	.2	.1	.1				2.9	13.5
SW	.6	.9	.7	2.2	1.2	.4	.3	.1	.1			6.5	13.5
WSW	.5	1.4	1.2	4.1	2.1	.5	.2	.1				10.2	13.4
W	.3	1.6	2.7	3.7	1.7	.7	.2	.2	.1			11.2	13.1
WNW	.2	1.0	1.5	2.6	.7	.5	.2	.7	.2	.1		7.7	16.5
NW	.1	.5	1.1	1.6	.6	.7	.1	.1				4.6	13.6
NNW	.2	.7	1.6	.9	.3	.2	.1					4.1	10.6
VARS													
CALM												6.1	
	5.7	13.8	24.2	30.1	10.8	5.5	2.2	1.1	.3	.1	.1	100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAY
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.9	2.6	2.6	.6							9.7	8.7
NNE	.6	1.3	1.9	.6		.6						5.2	9.6
NE		1.3	1.3	.6		.6						3.9	10.3
ENE	.6		.6	.6		.6						2.6	11.3
E	.6	1.3	1.3	1.3								4.5	8.3
ESE	.6	.6	.6									1.9	6.0
SE			.6	.6								1.3	9.5
SSE	.6	.6		1.9								3.2	8.8
S	1.3	1.3	1.9	1.3								5.8	7.8
SSW	.6	.6	1.9	.6	1.3			.6				5.8	13.1
SW	1.3	1.3	1.9	5.8	1.3	.6						6.5	10.4
WSW	3.2	1.3	1.9	5.2	1.3	1.9	.6					16.1	12.9
W	.6	1.9	3.9	5.2	1.3	1.3		.6				14.8	12.6
WNW		.6	.6	1.9								3.2	10.0
NW			1.3									1.3	9.0
NNW	1.3	.6	1.3	1.9	1.3							6.5	9.6
VARBL													
CALM												7.7	
	13.5	14.8	23.9	25.2	7.1	5.8	.6	1.3				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.9	1.9	1.3	.6							7.7	8.3
NNE	.6	.6	2.6	.6	.6	.6						5.8	11.0
NE		1.9										1.9	4.7
ENE	1.3	.6	1.9			.6						4.5	8.6
E			2.6	.6	.6							3.9	11.7
ESE	.6											.6	3.0
SE	.6	1.3	.6	.6		.6						3.9	10.3
SSE			.6									.6	7.0
S		1.3	2.6	1.9	.6							6.5	9.6
SSW	.6	1.3	1.3	.6	.6							4.5	8.9
SW		2.6	1.3	1.9	1.9		1.3					9.0	13.9
WSW	1.9		1.3	3.9	1.3	1.3	1.9					11.6	15.3
W		4.5	4.5	2.6	3.2	1.3						16.1	11.4
WNW		.6	1.3	1.9								3.9	10.3
NW	.6	1.3	.6	1.9								4.5	9.4
NNW	.6		1.3	2.6								4.5	10.6
VARBL													
CALM												10.3	
	7.1	20.0	24.5	20.6	9.7	4.5	3.2					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAY
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	1.9	1.3		.6						5.8	10.0
NNE	1.9	1.9	2.6	1.9		1.3						9.7	9.8
NE				.6								.6	13.0
ENE		2.6	1.3	1.3	.6							5.8	9.0
E	.6	.6	1.9									3.2	6.6
ESE		.6		.6								1.3	10.5
SE			.6		.6							1.3	15.0
SSE	.6		.6									1.3	5.0
S	1.3	.6	2.6	3.2								7.7	9.8
SSW		.6	2.6			.6						3.9	10.5
SW	1.9	2.6		1.9	1.9	.6		1.3				10.3	13.8
WSW	.6	.6	3.9	3.9	1.9	1.3						12.3	12.9
W	1.3	.6	2.6	5.2	1.3	1.9	.6					14.2	14.9
WNW	.6	1.3	.6	3.2								5.8	9.8
NW		1.9	.6	1.3								3.9	8.3
NNW		.6	3.2	1.3	.6							5.8	10.1
VARBL													
CALA												7.1	
	9.0	16.8	25.2	25.8	7.1	6.5	.6	1.9				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704 ADAK, ALASKA

73-77

MAY

STATION NAME

YEARS

MONTH

ALL WEATHER

10

NOVEMBER (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	3.9	2.6	1.3							8.4	10.8
NNE		1.3	2.6	2.6		.6						7.1	11.5
NE				1.3								1.3	13.5
ENE		3.2	3.9	.6	.6							8.4	8.2
E	.6	3.2	1.3	.6								5.8	5.9
ESE		1.3	.6									1.9	6.7
SE			.6									.6	10.0
SSE													
S		1.9	2.6	1.9	.6							7.1	10.2
SSW			1.3	.6	.6	1.3	.6					4.5	18.0
SW	.6		1.9	3.2	.6	.6	.6					7.7	13.8
WSW	.6		2.6	2.6	3.9	3.2	.6					13.5	17.3
W		.6	4.5	6.5	2.6	1.3	1.9					17.4	15.4
WNW		1.9	1.3	1.9								5.2	8.8
NW		.6	1.3	2.6	.6							5.2	12.1
NNW			1.9	1.9	.6							4.5	12.1
VARBL													
CALM												1.3	
	1.9	14.8	30.3	29.0	11.6	7.1	3.9					100.0	12.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAY
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.6	5.2	.6							8.4	12.6
NNE		.6	1.3	1.9	1.3							5.2	13.6
NE			.6	1.9	.6							3.2	12.2
ENE		2.6	5.2	1.9		.6						10.3	9.3
E		2.6	3.9									6.5	7.2
ESE		1.9										1.9	5.3
SE		.6										.6	4.0
SSE		.6	1.3	1.9								3.9	10.0
S	.6	1.9	2.6			.6	.6					6.5	10.9
SSW			.6	1.9	.6		.6					3.9	15.7
SW		.6		3.9	.6	1.9	.6	.6				8.4	19.2
WSW		.6	1.9	2.6	1.9	1.9						9.0	15.4
W			7.1	4.5	4.5	3.2	1.3					20.6	15.7
WNW		.6	.6	2.6	.6							4.5	12.3
NW			.6	1.3		.6						2.6	15.0
NNW			1.3	1.9	.6							3.9	13.7
VARBL													
CALM												.6	
	.6	12.9	29.7	31.6	11.6	9.0	3.2	.6				100.0	13.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

3502 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	1.3	5.8	1.3		.6					10.3	12.9
NNE		.6	1.9	1.3	.6							4.5	11.6
NE		.6	1.3	2.6								4.5	12.0
ENE		3.2	3.9	2.6								9.7	8.7
E		1.3	3.2	.6								5.2	8.1
ESE													
SE		.6										.6	5.0
SSE		.6	1.3	1.9								3.9	11.3
S		.6	1.3	3.9		.6		.6				7.1	14.3
SSW				1.3		.6						1.9	15.7
SW			1.3	1.9	1.9	1.9		.6				7.7	18.8
WSW		1.3	2.6	4.5	2.6	1.9	.6					13.5	14.9
W		.6	3.2	7.7	3.2	1.3	.6					16.8	14.8
WNW		.6	1.9	1.3	.6	.6						5.2	12.8
NW			.6	1.9		.6						3.2	15.6
NNW	.6	.6	.6	1.3	1.9							5.2	12.1
VARBL													
CALM												.6	
	1.3	11.6	24.5	38.7	12.3	7.7	1.9	1.3				100.0	13.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	5.8	5.2		.6						12.3	11.7
NNE	.6	.6	1.3	2.6								5.2	9.3
NE		1.3	1.3	1.3	.6							4.5	10.1
ENE			3.2									3.2	9.2
E	1.9	.6	1.3									3.9	5.0
ESE	.6	1.3		.6								2.6	6.3
SE		1.9	2.6									4.5	7.0
SSE			1.3	1.3								2.6	9.5
S		.6	3.2	2.6		.6	1.3					8.4	14.3
SSW			1.3	1.3								2.6	10.8
SW		.6	1.3	1.9	1.9	2.6	.6					9.0	17.4
WSW	.6	1.3	3.9	3.9		1.3	.6	.6				12.3	13.8
W		.6	4.5	7.7	1.9	.6						15.5	13.0
WNW			.6	1.3	1.3	.6						3.9	15.5
NW		.6	.6	2.6		.6						4.5	12.6
NNW	.6		1.3	1.3	.6							3.9	10.0
VARBL													
CALM												1.3	
	4.5	10.3	33.5	33.5	6.5	7.1	2.6	.6				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

155

AD-A060 609

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), ADAK, A--ETC(U)
JUN 78

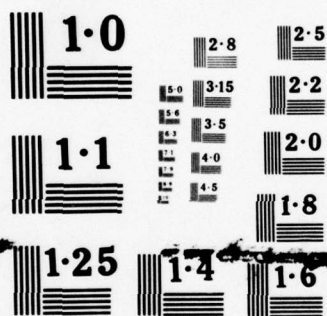
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UNCLASSIFIED

NL

2 OF 4
ADA
080808

A large grid of 100 small, dark, rectangular frames arranged in 10 rows and 10 columns. Each frame appears to be a microfilm or a very small document page, possibly containing a single meteorological observation or a small chart. The frames are tightly packed and cover most of the lower half of the page.



NATIONAL BUREAU OF STANDARDS
MICROCOPY RESOLUTION TEST CHART

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAY
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	1.9	3.2								7.7	9.3
NNE	1.3	2.6	2.6	1.9	.6							9.0	8.1
NE	.6	1.3	.6		.6							3.2	8.0
ENE	.6	1.9	1.3	1.3								5.2	7.1
E	.6		.6	.6								1.9	8.7
ESE		.6	.6									1.3	5.5
SE		.6	1.9	.6								3.2	9.4
SSE		1.3	1.9	1.9								5.2	9.3
S		1.3	.6	.6			.6					3.2	13.2
SSW		.6	1.3	1.9	1.3							5.2	12.3
SW		1.3	3.2	3.9	.6	1.3	.6					11.0	13.5
WSW	.6		1.3	5.2		1.3	.6					9.0	14.8
W	.6	3.2	3.2	7.7	.6	.6	.6					16.8	11.6
WNW			.6	1.3								1.9	12.0
NW	1.9		1.3	1.9	1.9							7.1	10.5
NNW	.6	.6		1.3	.6							3.2	10.4
VARBL													
CALM												5.8	
	7.7	17.4	23.2	33.5	6.5	3.2	2.6					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	2.7	3.4	.6	.2	.1					8.8	10.7
NNE	.6	1.2	2.1	1.7	.4	.4						6.5	10.4
NE	.1	.8	.6	1.0	.2	.1						2.9	10.3
ENE	.3	1.8	2.7	1.0	.2	.2						6.2	8.8
E	.6	1.2	2.0	.5	.1							4.4	7.5
ESE	.2	.8	.2	.2								1.5	6.3
SE	.1	.6	.9	.2	.1	.1						2.0	9.0
SSE	.2	.4	.9	1.1								2.6	9.4
S	.4	1.2	2.2	1.9	.2	.2	.3	.1				6.5	11.3
SSW	.2	.4	1.3	1.0	.6	.3	.2	.1				4.0	13.0
SW	.5	1.1	1.4	2.3	1.4	1.2	.5	.3				8.7	15.1
WSW	1.0	.6	2.4	4.0	1.6	1.8	.6	.1				12.2	14.6
W	.3	1.5	4.2	5.9	2.3	1.5	.6	.2				16.5	13.8
WNW	.1	.7	1.0	1.9	.3	.2						4.2	11.3
NW	.3	.6	.9	1.7	.3	.2						4.0	11.5
NNW	.5	.3	1.4	1.7	.8							4.7	11.0
VARBL													
CALM												4.4	
	5.7	14.8	26.9	29.8	9.0	6.4	2.3	.7				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.7	4.0	2.0								10.7	7.3
NNE	.7	1.3	2.7	2.0	.7	.7	.7					8.7	12.3
NE	1.3	.7	1.3	3.3								6.7	9.5
ENE	1.3	.7	.7	1.3		.7						4.7	9.6
E	2.0	.7		.7								3.3	4.4
ESE	.7	.7										1.3	4.0
SE	1.3	2.7	.7									4.7	5.6
SSE		2.0	2.7	1.3								6.0	8.1
S	1.3	3.3	2.0	.7								7.3	5.9
SSW	.7	.7	1.3	.7								3.3	8.4
SW	2.7		2.0	3.3	1.3	2.0						11.3	12.6
WSW	1.3	.7	2.7	2.7	.7	.7	.7					8.7	11.7
W	1.3	3.3	4.0	.7	.7							10.0	7.1
WNW	.7											.7	3.0
NW													
NNW		.7	.7									1.3	7.0
VARBL													
CALM												11.3	
	17.3	20.0	24.7	18.7	2.7	4.0	1.3					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUN

MONTH

04

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.3	3.3	3.3								10.7	9.1
NNE	2.0	2.7	2.7	2.0	.7	.7	.7					11.3	10.3
NE		2.7	1.3	3.3								7.3	9.3
ENE		1.3	.7	.7								2.7	8.3
E		1.3	.7									2.0	5.7
ESE	.7	.7	.7									2.0	6.0
SE	.7	1.3	.7									2.7	4.5
SSE	2.0	.7	2.0	1.3								6.0	7.0
S	2.7	4.0	1.3									8.0	4.7
SSW	.7	2.0										2.7	4.3
SW			.7	1.3	1.3	2.0						5.3	18.3
WSW	.7	.7	1.3	4.0	1.3	2.0	.7					10.7	15.1
W		3.3	4.0									7.3	6.5
WNW		.7		.7								1.3	9.0
NW					.7							.7	19.0
NNW	.7	1.3	.7									2.7	5.5
VARBL													
CALM												16.7	
	10.7	26.0	20.0	16.7	4.0	4.7	1.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	5.3	1.3	2.0							12.7	9.3
NNE		3.3	2.7	3.3		.7						10.0	10.2
NE		2.0	4.7	1.3								8.0	8.6
ENE		1.3	2.0	1.3								4.7	9.4
E	.7	1.3	.7									2.7	6.0
ESE			2.0	.7								2.7	8.8
SE	.7	.7										1.3	4.0
SSE		3.3	3.3	.7								7.3	7.4
S	.7	4.0	1.3	1.3								7.3	7.5
SSW		.7	.7									1.3	6.5
SW	2.0	2.0	2.7	2.7	2.0	1.3						10.7	13.7
WSW	.7	2.0	2.0	2.0	1.3	.7						8.7	10.8
W	.7	3.3	4.7	.7								9.3	6.7
WNW			.7									.7	10.0
NW			.7									.7	7.0
NNW			1.3									1.3	9.0
VARBL													
CALM												10.7	
	5.3	26.0	34.7	15.3	5.3	2.7						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

150

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.0	6.7	.7							11.3	12.9
NNE	.7	.7	3.3	2.7	.7	.7						8.7	11.4
NE		2.7	4.0	6.0								12.7	10.5
ENE	.7	4.0	2.7	2.0	.7							10.0	8.3
E		2.7	2.7	2.0								7.3	8.4
ESE			.7	.7								1.3	10.5
SE		2.7	.7	.7								4.0	6.8
SSE			.7									.7	7.0
S		2.0	4.0	4.0								10.0	9.7
SSW			.7	1.3								2.0	10.3
SW	.7	.7		2.7	2.0	.7						6.7	14.8
WSW	1.3	.7	.7	5.3	1.3	2.0						11.3	13.7
W		1.3	6.0	4.0	1.3	.7						13.3	11.3
WNW													
NW			.7									.7	8.0
NNW													
VARBL													
CALM												.0	
	3.3	17.3	28.7	40.0	6.7	4.0						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNA VOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.3	.7	6.0	.7							9.3	11.6
NNE		.7	3.3	4.7	1.3	.7						10.7	12.3
NE		.7	.7	4.0								5.3	11.3
ENE		2.7	4.7	3.3	2.0							12.7	10.6
E	.7	5.3	5.3	.7								12.0	7.0
ESE	.7	1.3	.7									2.7	5.3
SE		.7	.7	.7								1.3	12.0
SSE	.7	.7	2.0	1.3								4.7	8.4
S			3.3	3.3	.7							7.3	11.5
SSW				2.0								2.0	11.7
SW	.7	.7		.7	2.7	2.0	.7					7.3	18.0
WSW			1.3	3.3	2.0		.7					7.3	15.8
W		1.3	3.3	6.7	.7	.7						12.7	11.9
WNW		.7	1.3									2.0	6.3
NW	.7											.7	2.0
NNW			.7			.7						1.3	14.5
VARBL													
CALM												.7	
	4.0	15.3	28.0	36.7	10.0	4.0	1.3					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUN

MONTH

16
HOURS (L.S.T.)ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	2.7	8.7	2.0							14.0	12.8
NNE			.7	3.3		.7						4.7	14.4
NE			2.7	5.3	1.3							9.3	12.8
ENE	.7	3.3	4.0	.7								8.7	7.2
E	.7	5.3	4.0	2.7								12.7	7.5
ESE	.7	2.0	.7									3.3	5.6
SE		1.3	.7	1.3								3.3	9.2
SSE		.7	2.0	.7								3.3	8.6
S			4.7	2.0	.7							7.3	11.3
SSW			.7	1.3		.7						2.7	15.0
SW				4.7	.7	1.3						6.7	16.0
WSW	.7		.7	4.7	1.3	1.3						8.7	14.4
W		1.3	3.3	4.0	.7		.7					10.0	12.3
WNW		.7		1.3								2.0	9.0
NW				.7								.7	12.0
NNW		.7		.7								1.3	10.0
VARB													
CALM												1.3	
	2.7	16.0	26.7	42.0	6.7	4.0	.7					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	7.4	8.1								16.1	11.2
NNE	.7	1.3	5.4	2.0	.7	.7						10.7	9.9
NE			4.0	2.0								6.0	10.3
ENE	2.0	1.3	2.0	2.7		.7						8.7	9.3
E	1.3	2.0	3.4									6.7	6.2
ESE	.7	1.3	.7									2.7	5.5
SE			1.3	1.3								2.7	9.5
SSE		2.0	1.3	2.0								5.4	8.8
S		1.3	4.7	2.7	.7							9.4	10.5
SSW	.7		.7	1.3								2.7	8.5
SW	.7		1.3	2.7	2.7	.7						8.1	13.9
WSW		.7	2.0	2.0		2.0						6.7	14.5
W		2.0	4.7	1.3		.7						8.7	10.3
WNW			1.3									1.3	9.0
NW				.7	.7							.7	18.0
NNW			1.3	.7								2.0	10.3
VARBL													
CALM												1.3	
	6.0	12.8	41.6	28.9	4.7	4.7						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

149

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	6.7	5.3	2.0	.7							16.7	7.1
NNE	1.3	5.3	1.3	2.0	.7	.7						11.3	8.6
NE		.7	2.0	2.7	.7							6.0	10.9
ENE	.7		1.3	.7	.7							3.3	10.8
E	.7		.7									1.3	6.0
ESE		.7										.7	5.0
SE		.7	1.3									2.0	7.3
SSE		4.0	2.0									6.0	6.7
S	2.7	5.3	3.3	2.7								14.0	6.7
SSW		.7	1.3	.7								2.7	8.8
SW		1.3	6.0	.7	1.3	.7						10.0	11.1
WSW	1.3	1.3	1.3	.7	2.7	.7						8.0	12.3
W	1.3	2.7	2.7			1.3						8.0	8.3
WNW													
NW			.7									.7	8.0
NNW	.7	.7										1.3	4.0
VARBL													
CALM												8.0	
	10.7	30.0	29.3	12.0	6.7	3.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	3.8	5.0	.8							12.7	10.1
NNE	.7	1.9	2.8	2.8	.6	.7	.2					9.5	10.9
NE	.2	1.2	2.6	3.5	.3							7.7	10.4
ENE	.7	1.8	2.3	1.6	.4	.2						6.9	9.2
E	.6	2.3	2.2	.8								6.0	6.9
ESE	.4	.8	.7	.2								2.1	6.3
SE	.3	1.2	.8	.5								3.8	7.2
SSE	.3	1.7	2.0	.9								3.9	7.7
S	.9	2.5	3.1	2.1	.3							8.8	8.4
SSW	.3	.5	.7	.9		.1						2.4	9.2
SW	.6	.6	1.6	2.3	1.8	1.3	.1					8.3	14.3
WSW	.8	.8	1.5	3.1	1.3	1.2	.3					8.8	13.5
W	.4	2.3	4.1	2.2	.4	.4	.1					9.9	9.6
WNW	.1	.3	.4	.3								1.0	7.9
NW	.1	.3	.3	.1	.2							.6	10.6
NNW	.2	.4	.6	.2		.1						1.4	8.4
VARBL													
CALM												6.3	
	7.5	20.4	29.2	26.3	5.8	3.9	.6					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

1199

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6		1.3	.6							3.9	9.0
NNE	.6	2.6			.6							3.9	7.2
NE	.6	.6	1.9		.6							3.9	8.5
ENE	1.3	1.3	.6									3.2	4.6
E	2.6	1.3		.6								4.5	4.9
ESE	.6	.6		1.3								2.6	8.0
SE		2.6	.6									3.2	5.6
SSE	.6	.6	.6	1.3								3.2	8.8
S	1.9	3.2	4.5	1.9								11.6	7.8
SSW	.6	1.3	2.6	1.9								6.5	8.6
SW	.6	.6	1.9	3.2	1.9	.6						9.0	13.3
WSW	1.9	3.2	3.9	3.9	.6							13.5	8.8
W		3.2	3.9	6.5	1.3	.6						15.5	11.0
WNW		.6		.6								1.3	8.5
NW				.6								.6	15.0
NNW	1.9	.6	.6									3.2	4.0
VARIABLE													
CALM												10.3	
	14.8	23.2	21.3	23.2	5.8	1.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

04

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.9	1.3	.6	.6							7.1	6.9
NNE	1.9	2.6	.6	1.9								7.1	6.6
NE	2.6	1.3		.6								4.5	4.0
ENE	.6	1.3										1.9	4.7
E	.6	.6	.6	1.3								3.2	8.0
ESE		.6	.6									1.3	7.5
SE	.6	.6	.6	1.3								3.2	8.0
SSE	.6	.6	1.3	.6								3.2	7.4
S	.6	3.9	3.9									8.4	6.4
SSW	.6	.6		1.9	1.3							4.5	11.7
SW	1.9	.6	.6	4.5	1.3	.6						9.7	11.4
WSW	1.3	1.9	2.6	5.8	1.3	.6						13.5	11.2
W	.6	1.9	1.9	5.8	3.2							13.5	11.5
WNW		.6	.6									1.3	7.0
NW	.6	.6	.6									1.9	5.0
NNW	.6											.6	2.0
VARB													
CALM												14.8	
	16.1	20.0	15.5	24.5	7.7	1.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5702 SURFACE WINDS JAN 78

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER
CLASS

07

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	1.3	.6	.6							3.9	9.3
NNE	1.3	3.2	1.3	.6								6.5	5.8
NE	1.9	1.3		1.3								4.5	5.7
ENE	1.9	.6	1.3	.6								4.5	5.4
E	.6	1.3	1.3	.6	.6							4.5	8.9
ESE	1.9	.6	.6									3.2	3.4
SE	.6		1.9	.6								3.2	8.2
SSE	.6	1.3	1.3	.6								3.9	7.7
S	.6	2.6	3.2	1.3								7.7	7.3
SSW	1.3	1.3	1.9	2.6	.6							7.7	9.3
SW	.6	1.9	.6	3.9	.6	.6						7.7	11.9
WSW	.6	1.3	3.2	2.6	.6		.6					9.0	11.1
W	.6	1.9	3.2	8.4	1.9	1.9						18.1	13.3
WNW			.6									.6	8.0
NW													
NNW	1.3	.6	.6	.6								3.2	6.8
VARB													
CALM												11.6	
	14.2	18.7	22.6	24.5	5.2	2.6	.6					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.6	.6								1.9	9.7
NNE		2.6	3.2	1.3								7.1	8.2
NE		3.2	1.9									5.2	6.8
ENE	.6	4.5	.6	.6								6.5	5.5
E	2.6	3.2	1.3	1.3								8.4	6.1
ESE	.6	.6										1.3	4.5
SE		1.3	1.3									2.6	7.5
SSE	1.3	.6	1.9									3.9	5.8
S	1.3	.6	3.9	2.6	1.3							9.7	9.7
SSW			1.3	1.9	.6	.6						4.5	14.7
SW		1.3	3.9	5.8	1.9							12.9	11.9
WSW			5.8	6.5	1.9	1.3						15.5	13.3
W	.6	.6	3.9	5.2	3.2	1.3						14.8	13.4
WNW	.6				.6							1.3	9.5
NW					.6							.6	19.0
NNW		.6		.6								1.3	9.0
VARBL													
CALM												2.6	
	7.7	20.0	29.7	26.5	10.3	3.2						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.6	1.3	.6	.6							3.2	11.4
NNE		1.3	1.9	.6								3.9	7.7
NE			3.2	1.3								4.5	9.4
ENE	1.3	3.2	5.2	1.3								11.0	7.1
E		2.6	5.2	1.3								9.0	7.9
ESE		1.3	1.3	.6								3.2	8.2
SE			1.3									1.3	7.5
SSE			3.2	1.9								5.2	9.9
S			1.9	1.9	1.3							5.2	11.6
SSW		.6	.6	1.9	1.9	.6						5.8	14.8
SW		.6	.6	5.2	3.9	.6						11.0	15.2
WSW		.6	1.9	10.3	5.8	.6						19.4	14.9
W		1.3	1.3	9.7		1.3						13.5	13.4
WNW													
NW				1.3		.6						1.9	17.7
NNW			.6	.6								1.3	11.0
VARBL													
CALM												.6	
	1.3	12.3	29.7	38.7	13.5	3.9						100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEAR

JUL
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		1.3	1.3	.6							3.9	10.5
NNE			4.5	1.9								6.5	10.2
NE		1.3	3.2	.6								5.2	8.3
ENE		3.2	3.2	.6								7.1	7.3
E	.6	3.2	3.9	1.3	.6							9.7	8.0
ESE		2.6	1.3									3.9	5.8
SE		1.3	1.3									2.6	7.3
SSE			1.9	.6	.6							3.2	11.6
S		.6	4.5	3.9	.6							9.7	11.0
SSW			1.9	1.3	1.3							4.5	12.0
SW			.6	5.8	.6							7.1	13.4
WSW			1.3	10.3	2.6	.6						14.8	14.3
W	.6	1.3	2.6	6.5	5.2	1.3						17.4	14.2
WNW				.6								.6	12.0
NW		.6	.6	.6		.6						2.6	12.5
NNW		.6										.6	4.0
VARBL													
CALM												.6	
	1.9	14.8	32.3	35.5	12.3	2.6						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	1.3	1.3								3.2	9.2
NNE	.6	1.3	3.9	1.9								7.7	8.8
NE		4.5	1.9									6.5	5.6
ENE	1.9	1.9	.6	1.3								5.8	5.6
E	1.3	3.2	.6	.6								5.8	6.2
ESE	.6	.6	1.9	.6								3.9	7.7
SE		.6			.6							1.3	11.0
SSE		1.3	3.2	.6								5.2	7.6
S		1.3	5.2	3.2	.6							10.3	9.9
SSW		.6	.6	2.6	.6							4.5	12.4
SW	.6		5.2	1.9	1.9							9.7	10.8
WSW		.6	5.2	5.2	2.6	1.3						14.8	13.6
W		1.3	5.8	5.8	1.3	.6						14.8	11.6
WNW		1.3	.6	.6	.6							2.6	9.8
NW			.6	.6								1.3	10.0
NNW			.6									.6	8.0
VARBL													
CALM												1.9	
	5.2	19.4	37.4	25.8	8.4	1.9						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

8008

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUL

MONTH

22

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

8008

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.9	1.9	1.3								8.4	5.8
NNE	.6	3.2	.6	1.9								6.5	7.6
NE	.6	1.3	.6	.6	.6							3.2	7.6
ENE			.6	.6								1.3	11.0
E	1.3	1.9	1.3	.6	.6							5.8	7.7
ESE	1.3	1.3	.6									3.2	4.4
SE	.6	1.3	1.3									3.2	5.6
SSE		1.9	1.3		1.3							4.3	10.0
S	.6	1.9	3.2	3.9								9.7	9.6
SSW			1.9	.6		.6						3.2	12.6
SW	.6		2.6	5.2								8.4	10.9
WSW	1.9	2.6	5.2	5.8	3.2	.6						19.4	11.4
W	.6	2.6	1.9	4.5								9.7	9.9
WNW			.6	.6								1.3	12.5
NW		.6	1.3	.6								2.6	9.0
NNW	.6											.6	3.0
VARBL													
CALM												9.0	
	10.3	22.6	25.2	25.8	5.8	1.3						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

153

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.1	1.1	1.0	.4							4.4	8.3
NNE	.6	2.1	2.0	1.3	.1							6.1	7.8
NE	.7	1.7	1.6	.5	.2							4.7	6.9
ENE	1.0	2.0	1.5	.6								5.2	6.3
E	1.2	2.2	1.8	1.0	.2							6.4	7.2
ESE	.6	1.0	.8	.3								2.8	6.2
SE	.2	1.0	1.0	.2	.1							2.6	7.3
SSE	.4	.8	1.9	.7	.2							4.0	8.6
S	.6	1.8	3.8	2.3	.5							9.0	9.1
SSW	.3	.6	1.4	1.9	.8	.2						5.2	11.7
SW	.5	.6	2.0	4.4	1.5	.3						9.4	12.4
WSW	.7	1.3	3.6	6.3	2.3	.6	.1					15.0	12.5
W	.4	1.8	3.1	6.5	2.0	.9						14.7	12.5
WNW	.1	.3	.3	.2	.2							1.1	9.6
NW	.1	.2	.4	.5	.1	.2						1.5	11.6
NNW	.6	.3	.3	.2								1.5	6.2
VARBL													
CALM												6.5	
	9.0	18.9	26.7	28.1	8.6	2.3	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.6	3.2								5.2	10.3
NNE	.6	.6	1.9									3.2	7.0
NE	1.3	1.3	1.3	.6								4.5	6.4
ENE			1.3	.6								1.9	10.0
E	1.3	1.3	1.3	.6	.6							5.2	7.6
ESE													
SE	.6	.6	2.6		.6							4.5	9.0
SSE	1.3		1.3	1.9								4.5	8.4
S	.6	3.2	4.5	3.2		.6						12.3	9.3
SSW	.6	3.9	3.2	3.9								11.6	8.8
SW	1.9	.6	.6	3.9	.6							7.7	9.8
WSW		2.6	3.9	3.9	2.6	.6						13.5	12.2
W		1.3	2.6	3.9	.6							6.4	11.2
WNW	1.3	.6	1.9	.6								4.5	7.3
NW							.6					.6	28.0
NNW	1.3	.6		.6								2.6	6.0
VARBL													
CALM												9.7	
	11.6	17.4	27.1	27.1	5.2	1.3	.6					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

04

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	.6	3.2								5.8	10.0
NNE		1.3	1.9									3.2	8.0
NE		1.3										1.3	5.5
ENE	.6		1.3		.6							2.6	9.3
E	1.3		1.9	1.3								4.5	8.1
ESE	.6											.6	3.0
SE		2.6	1.9	.6	.6							5.8	8.3
SSE	1.3	3.2		3.2	.6							8.4	8.8
S		2.6	4.5	1.3								8.4	8.4
SSW	.6	3.2	3.2	2.6	.6			.6				11.0	10.5
SW	1.3	.6	1.3	.6	1.3							5.2	8.8
WSW		5.2	2.6	5.8	1.3	1.3						16.1	11.6
W	.6	3.2	3.2	1.9	1.3	1.9						12.3	11.6
WNW				.6								.6	11.0
NW	.6	.6		.6			.6					2.6	12.5
NNW	.6	.6	.6	.6								2.6	7.8
VARBL													
CALA												9.0	
	8.4	25.8	23.2	22.6	6.5	3.2	.6	.6				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.6	1.3	.6							5.2	8.3
NNE	1.3	.6										1.9	3.3
NE	.6	.6	1.9	.6								3.9	7.3
ENE		.6	.6	.6								1.9	10.3
E		1.9	1.3	1.3		.6						5.2	9.6
ESE	.6	.6	1.3									2.6	6.8
SE		.6	1.9	1.9	.6							5.2	11.8
SSE		1.3	1.3	.6	1.3							4.5	11.9
S	.6	3.2	2.6	.6								7.1	7.0
SSW	1.3	.6	4.5	3.9	1.3		.6					12.3	11.1
SW	.6	1.9	3.2	1.9								7.7	7.6
WSW		3.2	3.9	5.8	1.3	.6						14.8	11.6
W		.6	3.2	5.2	1.9	.6						11.6	13.1
WNW			.6		.6							.6	10.0
NW				.6		.6						.6	17.0
NNW	1.3	1.3	.6	.6								4.5	8.9
VARBL													
CALM												10.3	
	7.7	18.7	27.7	24.5	7.7	2.6	.6					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

AUG
MONTH

10

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	.6	1.3	1.3							7.1	8.9
NNE	.6	1.3	.6									2.6	5.5
NE	1.3	1.9	1.9	.6								5.8	6.9
ENE	1.3	1.9	1.3	.6								5.2	6.1
E	.6	1.9	1.3	.6								4.5	6.6
ESE			1.9	.6	.6							3.2	11.4
SE		3.2			1.3							4.5	9.6
SSE		1.9	3.9	.6								6.5	7.9
S		.6	2.6	3.9	.6	.6						8.4	11.8
SSW	.6	1.3	1.3	4.5	.6	.6						9.0	11.6
SW		1.9	3.2	4.5	1.9	.6						12.3	12.2
WSW		3.2	3.9	6.5	.6	.6		1.3				16.1	13.0
W	.6	.6	2.6	3.2	1.3	.6						9.0	12.2
WNW			1.3									1.3	8.5
NW													
NNW				.6		.6						1.3	17.0
VARBL													
CALM												3.2	
	5.8	23.2	26.5	27.7	8.4	3.9		1.3				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

159

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.9	1.3	.6							3.9	11.0
NNE		1.9	1.9	.6								4.5	8.1
NE		.6	1.3	1.3								3.2	9.6
ENE	1.3	5.2	2.6									9.0	5.8
E	1.9	3.2	1.9	.6	.6							8.4	7.2
ESE			1.3	.6								1.9	10.3
SE			1.3	.6	.6							2.6	12.5
SSE	1.3	1.3	3.9	3.2								9.7	9.5
S		.6	1.9	4.5	.6							7.7	12.1
SSW		.6	1.3	2.6	1.3	.6						6.5	13.3
SW			5.8	5.2	1.9							12.9	12.1
WSW		.6	2.6	5.8	1.9	1.9	1.3					14.2	16.4
W			1.9	7.1	1.3	.6						11.0	14.1
WNW			.6	.6								1.3	11.0
NW	.6				1.3							1.9	14.3
NNW				.6								.6	13.0
VARBL													
CALM												.6	
	5.2	14.2	30.3	34.8	10.3	3.2	1.3					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.3	1.9	1.3							5.8	11.9
NNE	.6	1.9	1.9	.6								5.2	6.5
NE	.6	1.3	1.9	1.3								5.2	8.5
ENE	1.3	1.9	.6		.6							4.5	6.9
E	2.6	1.3	3.2	.6	.6							7.7	6.1
ESE	.6	2.6	.6	.6								4.5	7.1
SE		.6	1.3	.6	.6							3.2	10.6
SSE	.6	.6	2.6	2.6								6.5	9.7
S		1.3	4.5	2.6								8.4	9.8
SSW			3.2	4.5	1.3		.6					9.7	13.3
SW		1.3	1.9	6.5	1.3							11.0	11.7
WSW		1.3	2.6	1.9	5.8	1.3						12.9	15.1
W		1.9	2.6	2.6	3.2	1.3						11.6	13.9
WNW													
NW		.6		.6	.6							1.9	13.0
NNW		1.3	.6									1.9	6.7
VARB													
CALM												.0	
	6.5	19.4	29.0	27.1	14.8	2.6	.6					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

AUG

MONTH

1225

18120 54221

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

8080

TOTAL NUMBER OF OBSERVATIONS

155

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	.6	.6	1.3							3.9	11.5
NNE	.6	.6	2.6	.6								4.5	7.9
NE	.6	3.2	1.9									5.3	5.7
ENE	.6	1.9										2.6	4.3
E		1.9	.6									2.6	5.8
ESE		1.9	1.9	1.3								5.2	8.0
SE		2.6	1.3	.6	.6							5.2	8.9
SSE		1.9	3.2	1.3	.6	.6						7.1	10.5
S	.6	1.3	3.9	4.5	.6	.6						11.0	11.5
SSW	.6	.6	3.2	2.6		.6						7.7	9.8
SW	.6	1.9	1.9	5.2	2.6							12.3	12.2
WSW		1.3	2.6	5.8	.6	1.9						12.3	14.1
W	.6	1.3	1.9	4.5	.6	.6						9.7	11.4
WNW		1.3				.6						1.9	12.0
NW			.6	.6								1.3	9.0
NNW			.6									.6	7.0
VARBL													
CALM												6.5	
	3.9	23.2	27.1	27.7	6.5	5.2						100.0	9.7

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

AUG

MONTH

22

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	3.2	.6								5.2	8.4
NNE		1.3	1.3									2.6	7.0
NE	.6		1.3									1.9	6.3
ENE	1.9	.6	1.3	.6								4.5	5.9
E	1.3		1.3	1.3								3.9	7.7
ESE		.6	1.9	.6								3.2	9.0
SE		3.2	.6	1.3								3.2	7.8
SSE	1.3	.6		1.9		.6						4.5	10.4
S		2.6	3.9	1.3	.6							8.4	8.7
SSW		1.9	3.9	3.2								9.0	9.1
SW	1.9	3.2	2.6	3.2	1.3							12.3	8.8
WSW		.6	3.9	7.1	2.6	.6						14.8	12.7
W	.6	1.3	2.6	1.9	2.6							9.0	11.8
WNW			.6	.6	.6	.6						2.6	15.5
NW	.6	.6	.6	.6								2.6	6.5
NNW		.6										.6	5.0
VARBL													
CALM												9.7	
	8.4	18.7	29.0	24.5	7.7	1.9						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
MOUSE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.3	1.2	1.7	.6							5.2	9.9
NNE	.5	1.2	1.5	.2								3.5	7.0
NE	.6	1.3	1.5	.6								4.0	7.1
ENE	.9	1.5	1.1	.3	.2							4.0	6.7
E	1.1	1.5	1.6	.8	.2	.1						5.2	7.3
ESE	.2	.7	1.1	.5	.1							2.7	8.4
SE	.1	1.7	1.4	.7	.6							4.5	9.6
SSE	.7	1.4	2.0	1.9	.2	.2						6.5	9.6
S	.2	1.9	3.5	2.7	.3	.2						9.0	9.9
SSW	.5	1.5	3.0	3.5	.6	.2	.2	.1				9.6	10.8
SW	.8	1.5	2.6	3.9	1.4	.1						10.2	10.7
WSW	.3	2.3	3.2	5.3	2.1	1.1	.2	.2				14.4	13.2
W	.3	1.3	2.6	3.8	1.6	.7						10.3	12.5
WNW	.2	.2	.6	.3	.1	.2						1.6	10.5
NW	.2	.2	.2	.3	.3		.2					1.5	12.3
NNW	.4	.6	.3	.4		.2						1.9	8.5
VARBL													
CALM												6.1	
	7.2	20.1	27.5	27.0	8.4	3.0	.5	.2				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.3	2.0	2.0	2.0							9.3	9.8
NNE	.7	1.3	1.3	.7								4.0	6.7
NE	.7	.7										1.3	4.0
ENE		1.3										1.3	4.0
E		.7	2.0	.7								3.3	9.2
ESE		.7		.7								1.3	7.5
SE													
SSE			2.0									2.0	8.7
S	1.3	.7	.7	2.0	1.3	1.3		.7				8.0	14.8
SSW		2.0	3.3	1.3	1.3	.7						8.7	11.1
SW	.7	1.3	2.0	2.0	1.3	.7						8.0	12.0
WSW		2.0	.7	2.0	1.3	2.0						6.0	14.2
W	.7	2.0	6.0	6.0	1.3	1.3	.7					17.3	11.5
WNW	.7	1.3	2.0	.7	.7							6.0	11.8
NW			1.3	.7								2.0	9.7
NNW		1.3	.7	1.3	2.0	1.3						6.7	15.1
VARBL													
CALM												12.7	
	6.7	16.7	24.0	20.0	11.3	7.3	.7	.7				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

04

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	2.7	4.0	.7							10.0	10.1
NNE	.7	1.3	1.3	.7								4.0	7.0
NE			.7									.7	10.0
ENE				.7								.7	14.0
E		.7		.7								1.3	9.0
ESE	.7	.7		1.3								2.7	8.5
SE	.7											.7	2.0
SSE	1.3	1.3	.7	.7		.7						4.7	8.0
S	.7	.7		5.3		1.3						8.0	13.4
SSW	2.7	.7	1.3	.7	1.3		.7					7.3	10.5
SW	.7		.7	2.7	1.3	.7						6.0	14.0
WSW	.7	2.0	2.7	6.7	1.3	2.0						15.3	12.7
W	1.3	1.3	7.3	4.0		1.3						15.3	10.2
WNW	.7		.7				.7					2.0	14.0
NW		.7	.7	1.3								2.7	9.5
NNW	1.3		2.7	2.0	.7	1.3						8.0	12.3
VARBL													
CALM												10.7	
	12.0	11.3	21.3	30.7	5.3	7.3	1.3					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	1.3	5.3	.7							9.3	11.4
NNE	.7	2.7	2.7	1.3								7.3	7.7
NE		.7			.7							1.3	11.0
ENE		.7		.7								1.3	9.5
E	.7		1.3									2.0	6.7
ESE	1.3											1.3	2.0
SE	.7		.7	.7								1.3	10.5
SSE	.7	.7	.7	.7	2.0	.7						4.7	15.4
S	.7	.7	.7	3.3	2.0		.7					8.0	14.2
SSW	.7	.7	.7	.7	.7	.7		.7				3.3	12.6
SW	1.3	2.7	2.0	2.0	.7	.7						9.3	9.9
WSW	2.0	2.0	2.7	4.7	.7	2.7	1.3	.7				14.7	11.6
W	.7	.7	6.0	2.7	.7		.7					12.7	12.8
WNW		.7	.7		.7	.7						2.0	15.7
NW		.7	2.0	2.0	2.0							1.3	21.0
NNW	.7	.7										7.3	12.0
VARBL													
CALM												12.7	
	10.0	13.3	21.3	24.0	10.0	4.7	2.7	1.3				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

10

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	1.3	5.3	1.3							11.3	10.8
NNE		1.3	2.7	.7	.7							6.0	10.7
NE	1.3	.7	1.3	.7								4.0	6.2
ENE			.7	.7								1.3	9.5
E		1.3	.7	.7								2.7	9.0
ESE		.7	.7									1.3	7.0
SE	.7	.7		1.3		.7						3.3	11.8
SSE		1.3	3.3									4.7	8.0
S	.7	.7	.7	3.3	1.3	.7						7.3	13.0
SSW		.7	.7	2.0	.7	.7	1.3					6.0	17.4
SW	.7	.7	2.7	3.3	1.3	1.3						10.0	13.3
WSW	.7	.7	2.0	4.7	.7	1.3	.7					10.7	13.7
W		2.7	4.7	4.0	2.7	.7	.7	.7				15.3	12.5
WNW		.7	.7	.7	.7			.7				3.3	16.8
NW				.7	.7							.7	18.0
NNW		.7	2.0	2.7	2.0	2.0						9.3	15.2
VARBL													
CALM												2.7	
	5.3	14.7	24.0	30.0	12.0	8.0	2.7	.7				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP

MONTH

13

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			3.3	4.0	4.0							11.3	13.6
NNE		.7	.7	2.0	.7							4.0	11.7
NE		.7	1.3									2.0	7.0
ENE	.7	2.0	4.7	.7								8.0	7.4
E		.7	.7	.7	.7	.7						3.3	14.0
ESE	.7		1.3									2.0	6.7
SE		1.3			.7							2.0	10.0
SSE		.7	2.0	.7		.7	.7					4.7	14.1
S	.7	1.3	2.7	3.3	2.0							10.0	11.6
SSW			.7	.7	.7	.7						2.0	16.3
SW	.7		1.3	4.0	2.7	2.7	.7					12.0	16.9
WSW		.7	2.7	4.0	2.7	2.0						12.0	14.3
W		.7	2.0	6.7	2.0	1.3		.7				13.3	15.5
WNW			1.3	.7			.7					2.7	15.5
NW			.7	.7		1.3						2.7	17.3
NNW		.7	1.3	4.0	1.3							7.3	14.4
VARBL													
CALM												.7	
	2.7	9.3	26.7	31.3	17.3	9.3	2.0	.7				100.0	13.4

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	2.0	4.7	3.3							11.3	13.4
NNE		2.0	2.0									4.0	6.8
NE		1.3	2.7									4.0	7.3
ENE	.7	.7	2.0	2.0								5.3	8.8
E		3.3	.7									4.0	5.5
ESE				1.3								1.3	13.5
SE	.7		.7									1.3	5.5
SSE		2.0	2.0	.7	.7							5.3	9.0
S	.7	.7	3.3	4.0	.7	.7						10.0	11.9
SSW			1.3		1.3							2.7	14.5
SW				3.3	1.3	.7		1.3				6.7	20.2
WSW			4.7	4.0	2.7		.7					11.3	13.0
W			4.7	7.3	4.7	1.3	.7	.7				19.3	15.9
WNW					1.3	.7						2.0	21.0
NW		.7	.7	2.7								4.0	12.3
NNW	.7		1.3	2.7	2.0							6.7	13.8
VARBL													
CALM												.7	
	3.3	11.3	28.0	32.7	18.0	3.3	.7	2.0				100.0	12.8

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.3	4.7	4.7								14.0	9.2
NNE	.7	2.0		1.3								4.0	7.0
NE		.7	1.3									2.0	7.7
ENE		1.3	2.0									3.3	6.6
E		1.3	.7									2.0	6.0
ESE	.7	1.3	.7	.7								3.3	6.4
SE		2.0			.7							2.7	8.3
SSE	.7		1.3									2.0	5.0
S	.7	2.0	3.3	4.0		.7						10.7	10.9
SSW	1.3	.7	1.3		.7	.7						4.7	10.6
SW	.7	3.3	1.3	2.7	2.0	2.0						12.0	12.6
WSW	.7	.7	1.3	3.3	.7	1.3	.7					8.0	15.5
W	1.3	1.3	2.7	4.0	.7	2.0	.7					12.7	13.1
WNW	.7	.7	1.3	1.3								2.7	8.3
NW	1.3	.7	1.3		1.3							4.7	9.4
NNW	.7	.7	2.0	2.0	.7	1.3						7.3	12.8
VARBL													
CALM												4.0	
	10.0	22.0	24.0	24.0	6.7	8.0	1.3					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 25704 ADAK, ALASKA STATION NAME 73-77 YEARS MONTH SEP
HOURS (L.S.T.) 22

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	1.3	2.7	1.3							7.3	10.7
NNE	2.7	1.3	1.3	1.3								6.7	6.6
NE		.7										.7	4.0
ENE		.7	1.3									2.0	6.3
E			.7									.7	10.0
ESE	.7	.7	1.3									2.7	5.5
SE	.7	1.3		.7								2.7	6.3
SSE	.7	.7	.7									2.0	4.7
S	.7	2.7	.7	2.0	2.7							8.7	11.6
SSW		1.3	2.0	.7		1.3	.7					6.0	13.9
SW	1.3	1.3	2.0	1.3	.7	1.3						8.0	10.7
WSW	.7	2.0	4.0	6.0	.7	2.0						15.3	12.0
W		1.3	2.0	2.0	.7	1.3						7.3	12.8
WNW	.7		.7	.7								2.0	7.7
NW	1.3	.7	1.3									3.3	5.4
NNW	.7		2.0	3.3	3.3	.7						10.0	14.6
VARBL													
CALM												14.7	
	10.7	16.0	21.3	20.7	9.3	6.7	.7					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.3	2.3	4.1	1.7							10.5	11.1
NNE	.7	1.6	1.5	1.0	.2	.1						5.0	8.0
NE	.2	.7	.9	.1	.1							2.0	7.0
ENE	.2	.8	1.3	.6								2.9	7.7
E	.1	1.0	.8	.3	.1	.1						2.4	8.7
ESE	.5	.5	.5	.5								2.0	7.0
SE	.3	.7	.2	.3	.2	.1						1.7	8.6
SSE	.4	.7	1.6	.3	.3	.2	.1					3.7	9.9
S	.7	1.2	1.5	3.4	1.2	.6	.1	.1				8.8	12.5
SSW	.6	.7	1.4	.7	.7	.5	.3	.1	.1			5.1	12.9
SW	.7	1.2	1.5	2.7	1.4	1.2	.1	.2				9.0	13.6
WSW	.5	1.2	2.6	4.4	1.3	1.7	.2					11.9	13.1
W	.5	1.2	4.4	4.6	1.6	1.2	.4	.2				14.2	13.1
WNW	.3	.4	.7	.5	.3	.1	.3	.1				2.8	13.5
NW	.3	.3	.7	.7	.3	.2						2.7	11.3
NNW	.5	.5	1.7	2.5	1.7	.8						7.8	13.8
VARBL													
CALM												7.3	
	7.6	14.3	23.8	26.7	11.2	6.8	1.5	.7				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

72-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	2.6	3.2	.6							10.3	8.8
NNE	.6		1.9	1.3	.6	.6						3.9	12.2
NE				4.5	1.3							1.3	14.0
ENE				.6	.6							5.8	14.7
E			.6	.6	.6							1.9	13.3
ESE		.6		.6								1.3	9.0
SE													
SSE		.6	.6	2.6	.6		.6					5.2	14.4
S		.6	1.3	1.3	.6	.6						4.5	13.3
SSW		1.3		1.9	.6	1.3		.6				5.8	16.7
SW	1.9		.6	2.6	1.3	.6	1.9					9.0	15.6
WSW	.6	1.9	1.9	3.9	1.3	1.3		.6	.6			11.6	14.3
W	1.3	5.2	1.9	2.6	.6	.6						12.9	10.6
WNW		.6	3.9	.6								5.2	8.9
NW		.6	1.9	2.6								5.2	10.3
NNW		2.6	2.6	2.6	.6							8.4	10.0
VARBL													
CALM												7.7	
	5.8	16.8	20.0	31.0	9.0	5.2	2.6	1.3	.6			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	3.2	1.9	1.3							8.4	9.9
NNE		1.3	1.3	1.3	1.3							5.2	12.1
NE			1.3	1.3								2.6	12.0
ENE			1.3	1.9								3.2	12.8
E		.6	1.9	1.3	.6							4.5	11.1
ESE													
SE	.6											.6	3.0
SSE		.6		.6	.6							1.9	13.0
S	.6	1.3	.6	1.9	1.3	1.3	.6					7.7	14.5
SSW	1.9		.6	.6			1.3					3.9	12.3
SW	1.3	.6	1.3	4.5	1.3	1.9	1.3			.6		12.9	16.8
WSW	1.9	1.3	.6	1.9	1.9	.6		.6				9.0	13.3
W	1.9	5.2	1.9	3.2	.6			.6				13.5	9.2
WNW		1.9	1.9	1.3	.6							5.8	10.0
NW	.6	.6	1.3	1.3	.6	.6						5.2	11.0
NNW		1.3	3.2	1.9	.6							7.1	10.5
VARBL													
CALM												8.4	
	10.3	15.5	20.6	24.5	11.0	4.5	3.2	1.3		.6		100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

07

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.2	2.6		1.3		.6					10.3	8.3
NNE	.6	.6	1.9	1.9	.6							5.8	9.9
NE			.6	.6	1.3							2.6	14.8
ENE		.6	.6	1.3								2.6	9.5
E			1.3			.6						1.9	14.7
ESE				1.3								1.3	12.0
SE	.6											.6	2.0
SSE		.6	.6	.6		.6		.6				3.2	17.0
S	.6	1.3	1.3					.6				3.9	11.3
SSW		1.3	.6	.6	.6	.6	.6	.6				5.2	17.1
SW	.6	1.9		3.9	2.6	3.9						12.9	16.3
WSW	.6	2.6	2.6	3.2	1.3	.6				.6		10.3	13.1
W		1.3	3.2	1.9		.6						8.4	11.9
WNW	.6	1.3	.6	.6	.6							3.9	9.2
NW		1.9	4.5	.6								7.1	8.1
NNW	.6		1.9	3.9	.6							7.1	11.7
VARBL													
CALM												12.9	
	7.1	16.8	22.6	20.6	9.0	7.1	1.3	1.9			.6	100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER

CLASS

10

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.9	4.5	4.5	.6	.6						14.2	9.3
NNE			1.9	1.9	.6	1.3						5.8	14.8
NE	1.3	.6		1.3	.6							3.9	8.2
ENE			1.9	1.3	1.3							4.5	12.7
E	.6			.6								1.3	7.5
ESE	1.3	.6	.6	.6								3.2	7.0
SE			.6									.6	10.0
SSE	.6	.6	.6	.6								2.6	8.5
S	.6	.6	2.6	.6						.6		5.2	13.3
SSW			.6	.6	1.3	.6						3.2	15.8
SW		1.3	2.6	1.3	1.9	3.2	1.3	.6				12.3	18.8
WSW	.6		1.3	3.2	1.3	2.6		.6				9.7	16.8
W	.6	.6	3.2	5.8	.6	.6				.6		12.3	15.2
WNW		1.9	.6	.6								3.2	8.0
NW		1.3	3.9	1.3								6.5	8.9
NNW	.6	1.9	1.3	1.9	1.3							7.1	10.3
VARBL													
CALM												4.5	
	7.1	13.5	26.5	26.3	9.0	9.0	1.3	1.3		.6	.6	100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		6.5	5.2	1.3							13.5	11.1
NNE	.6	1.9	1.3	2.6	.6	.6						7.7	10.9
NE			2.6	1.3								3.9	10.8
ENE		1.3	1.3	1.3	1.3							5.2	11.3
E		1.9	.6	1.9								4.5	8.7
ESE			.6									.6	10.0
SE		.6	.6		.6	.6						2.6	13.5
SSE			3.2									3.2	8.8
S		1.9	1.9									4.5	8.3
SSW		.6		1.3		1.9	.6					4.5	19.1
SW	.6		.6	1.9	1.9	2.6	1.3					9.0	18.9
WSW	.6		.6	4.5	1.9	1.3	.6					9.7	16.7
W			2.6	5.8	.6	1.9	.6			.6		12.3	17.2
WNW			1.9	.6	.6							3.2	12.2
NW			1.9	2.6	.6	.6						5.8	13.1
NNW		1.3	1.9	4.5	1.3							9.0	12.1
VARBL													
CALM												.6	
	2.6	9.7	28.4	34.2	11.0	9.7	3.2			.6		100.0	13.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		5.8	5.2	3.2							14.8	12.4
NNE		.6	.6	3.2								4.5	11.1
NE	.6		1.9	1.9								4.5	8.9
ENE			3.2	.6	.6							4.5	10.0
E	.6	1.3	1.9	1.3		.6						5.8	10.8
ESE			.6									.6	10.0
SE	1.9		1.9									3.9	5.5
SSE	.6	.6	2.6	.6								4.5	7.6
S		1.3	1.9									3.2	7.4
SSW		.6	.6	1.3	.6							3.2	12.8
SW		.6	.6	5.8	.6	1.9				.6		10.3	17.4
WSW	.6	.6	1.3	1.9	.6	1.3	.6					7.1	15.1
W		.6	3.2	4.5	2.6	1.3	.6					12.9	14.9
WNW		.6	1.9	2.6		.6	.6					6.5	14.0
NW	.6	.6	3.2	1.3	1.3							7.1	10.5
NNW			3.2	2.6								5.8	11.2
VARBL													
CALM												.6	
	5.8	7.7	34.8	32.9	9.7	5.8	1.9			.6		100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

UCT

MONTH

ALL WEATHER

CLASS

19

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.2	4.5	5.2	3.2							16.1	11.6
NNE		1.3	2.6	2.6								6.5	10.0
NE	.6	.6	1.3	.6	.6							3.9	9.3
ENE		.6	1.3	2.6	.6							5.2	12.3
E			.6	1.9								2.6	13.3
ESE	1.3	.6										1.9	3.7
SE				.6	.6							1.3	16.5
SSE			1.3	.6	1.3							3.2	14.6
S	.6		.6	1.3								2.6	10.5
SSW	1.3	.6	.6	.6	.6							3.2	8.4
SW	1.3	1.3	1.9	3.2	.6	1.3	.6			.6		11.0	15.1
WSW	.6	.6	1.9	1.9	1.3	1.3		.6				7.7	13.0
W		2.6	3.2	.6	1.3	.6						9.7	13.9
WNW		1.9	3.2	.6	1.9							7.7	11.1
NW	1.3	1.3	1.3	1.3	.6							5.8	8.1
NNW			3.2	3.2								6.5	10.9
VARBL													
CALM												5.2	
	7.1	14.8	27.1	27.1	12.9	3.2	1.3	.6		.6		100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	1.9	6.5	1.3							12.3	11.6
NNE		1.3	2.6	1.3	.6							5.8	9.7
NE		.6		.6	.6							1.9	12.7
ENE	.6	.6		2.6	1.9	.6						6.5	14.6
E	.6		1.3	.6								2.6	8.3
ESE	.6											.6	3.0
SE						.6						.6	22.0
SSE	.6	.6	1.3	.6	.6							3.9	9.5
S		1.3	.6	1.3	.6	.6		.6				5.2	15.8
SSW	1.3		1.3	.6	.6	.6						4.5	11.4
SW	.6	1.3	1.9	2.6	.6	2.6			.6			10.3	16.1
WSW	.6	1.9	1.3		1.9	1.3						7.1	13.4
W	1.3	1.9	3.9	1.9	.6	.6	1.3		.6			12.3	13.6
WNW	.6	1.9	3.9	.6	.6							7.7	8.5
NW	.6	1.3	2.6	.6	.6							5.2	8.0
NNW		1.3	.6	3.2								5.2	10.3
VARBL													
CALM												8.4	
	8.4	16.1	23.2	22.6	11.0	7.1	1.3	.6	1.3			100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

UCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	4.0	4.0	1.5	.1	.1					12.5	10.6
NNE	.2	.9	1.8	1.9	.6	.3						5.6	11.3
NE	.3	.2	1.0	1.1	.4							3.1	10.7
ENE	.1	.4	1.2	2.0	.9	.1						4.7	12.5
E	.2	.5	1.0	1.0	.2	.2						3.1	10.8
ESE	.4	.2	.2	.3								1.2	7.4
SE	.4	.1	.4	.1	.2	.2						1.3	9.8
SSE	.2	.5	1.3	.8	.4	.1	.1	.1				3.5	11.6
S	.3	1.0	1.4	.9	.3	.3	.1	.2		.1		4.6	12.4
SSW	.6	.6	.5	.9	.6	.6	.3	.2				4.2	14.6
SW	.8	.9	1.2	3.2	1.4	2.3	.6	.1	.1	.2		11.0	16.9
WSW	.8	1.1	1.5	2.6	1.3	1.3	.2	.2	.1		.1	9.0	14.5
W	.6	2.2	2.9	3.3	1.0	.8	.4	.2	.1	.1	.1	11.8	13.3
WNW	.2	1.3	2.3	1.0	.6	.1	.1					5.4	10.3
NW	.4	1.0	2.6	1.4	.5	.2						6.0	9.7
NNW	.2	1.0	2.3	3.0	.6							7.0	10.9
VARBL													
CALM												6.0	
	6.8	13.9	25.4	27.4	10.3	6.5	2.0	.9	.2	.4	.2	100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV

MORTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	3.3	.7	2.7	1.3						9.3	13.4
NNE			2.0	2.7	.7		.7	.7				6.7	16.4
NE			1.3	1.3	1.3	.7						4.7	14.6
ENE			.7	.7			.7					2.0	17.7
E	.7	.7		.7								2.0	7.0
ESE													
SE				.7								.7	13.0
SSE			1.3	.7	.7	2.0	.7					2.7	16.5
S		.7	.7	.7								4.0	16.3
SSW		1.3	.7	.7	2.0	1.3	.7					6.7	17.0
SW	1.3	2.0	1.3	3.3	.7	.7	1.3	1.3				12.0	16.1
WSW	2.0	2.7	4.0	4.7	4.0	1.3	.7					19.3	12.5
W		2.0	1.3	2.0	2.0	2.0	.7					10.0	15.2
WNW	.7	.7	1.3	.7	2.0	.7						6.0	13.4
NW		1.3	.7	.7	1.3	.7						4.0	12.8
NNW			1.3	.7	1.3							3.3	15.0
VARBL													
CALM												6.7	
	4.7	12.7	20.0	19.3	18.7	10.7	5.3	2.0				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.7	3.3	2.0	.7						10.0	13.2
NNE		.7	2.0	2.0	.7	2.0	.7	.7				8.7	17.5
NE			.7	.7								1.3	11.0
ENE			.7	.7	.7		.7					2.7	17.0
E			.7	.7	.7							1.3	11.5
ESE				.7								.7	12.0
SE													
SSE			.7	1.3		.7						2.7	13.5
S		1.3	.7	2.0		2.0	.7	.7				7.3	17.5
SSW		2.0		1.3		2.0	2.0	.7				8.0	19.3
SW			1.3	2.7	1.3		.7	.7				6.7	17.6
WSW	.7	1.3	2.0	6.0	2.0	2.0	.7					12.7	15.0
W		1.3	6.0	2.7	1.3	.7	2.7					15.3	14.4
WNW			1.3	.7	1.3			.7				4.0	18.2
NW		.7	.7	1.3	.7		.7					4.0	15.7
NNW		.7	1.3	1.3	1.3	.7						5.3	13.4
VARBL													
CALM												9.3	
	.7	6.7	20.7	27.3	11.3	10.7	8.0	3.3				100.0	14.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	3.3	3.3	1.3	2.7						11.3	14.6
NNE		.7	.7	3.3	.7	2.0	.7	.7				8.7	18.4
NE			2.0		1.3		.7					4.0	15.7
ENE				.7	.7							1.3	17.5
E			.7	1.3								2.0	12.3
ESE			.7									.7	8.0
SE			.7	.7								1.3	12.5
SSE				2.0		.7	.7					3.3	18.8
S		.7	.7	.7	1.3	2.7		.7				6.7	20.4
SSW	.7	1.3	.7	.7	.7		.7					4.7	12.4
SW	1.3		4.0	2.7	1.3		.7	1.3				11.3	14.5
WSW	.7	1.3	4.0	6.0	1.3	.7	.7					14.7	13.0
W	.7	1.3	1.3	2.7	2.0	1.3						9.3	13.6
WNW		1.3		2.7	.7	1.3						6.0	14.8
NW			1.3	1.3								2.7	9.3
NNW			.7	1.3		.7						2.7	15.3
VARBL													
CALM												9.3	
	3.3	7.3	20.7	29.3	11.3	12.0	4.0	2.7				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

73-77

NOV
MONTH

STATION NAME

YEARS

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	2.7	2.7	2.0	.7		.7				9.3	14.9
NNE			1.3	5.3	2.7	.7		1.3				11.3	17.3
NE	.7		1.3	.7	.7	.7						4.0	13.5
ENE					.7							.7	18.0
E			.7	.7	.7							2.0	13.0
ESE				.7	.7							1.3	14.5
SE													
SSE		.7		.7	.7	.7						2.7	17.0
S	.7	1.3	1.3	4.0	.7	.7			.7			9.3	14.1
SSW	.7	.7	.7	1.3	.7	.7	1.3					6.0	16.6
SW	1.3		1.3	2.7	2.7	.7	.7					8.7	14.7
WSW			2.7	5.3	4.0	2.0						14.0	16.1
W	.7	.7	2.7	4.0	2.7		.7					11.3	13.6
WNW	.7	1.3	2.7	.7	1.3							6.7	9.4
NW			2.0	1.3	.7							4.0	12.3
NNW			.7	.7		1.3						2.7	18.5
VARB													
CALM												6.0	
	4.7	5.3	20.0	30.7	20.7	7.3	2.7	2.0	.7			100.0	13.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	2.7	.7	3.3		1.3					10.0	14.3
NNE		.7	.7	4.0	.7	.7	.7	.7				8.0	16.8
NE			1.3	.7				.7				2.7	17.0
ENE				1.3	.7							2.0	16.7
E		.7	1.3			1.3						3.3	13.6
ESE													
SE	1.3			.7								2.0	7.0
SSE			.7	.7	2.7							4.0	16.5
S	.7	2.0	3.3	.7	2.7							9.3	10.9
SSW		1.3		1.3			.7					3.3	14.2
SW			2.0	.7	2.0	1.3	2.0	.7	.7			9.3	22.4
WSW		1.3	1.3	2.7	3.3	6.0						14.7	17.8
W		1.3	2.7	7.3	2.7	.7	1.3					16.0	15.0
WNW				.7	1.3							2.0	16.7
NW			3.3	2.7								6.0	11.2
NNW			2.0	2.7		1.3						6.0	14.3
VARBL													
CALM												1.3	
	2.0	9.3	21.3	26.7	19.3	11.3	6.0	2.0	.7			100.0	15.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		2.0	1.3	3.3	1.3	1.3						9.3	13.9
NNE	.7		3.3	3.3	.7	.7	.7					9.3	13.1
NE			.7			1.3						2.0	19.7
ENE			.7	1.3	.7		.7					3.3	17.0
E		1.3		1.3								2.7	9.5
ESE				.7								.7	12.0
SE		.7										.7	6.0
SSE	1.3	1.3		2.7	1.3	1.3						8.0	13.3
S		2.0	1.3	1.3	.7	1.3						6.7	13.1
SSW		.7			.7	.7	.7					2.7	20.0
SW	.7	.7	2.0	4.0	.7	2.0	.7					10.7	14.3
WSW		.7	1.3	4.0	3.3	2.7	2.0					14.0	18.4
W		2.0	3.3	6.0	2.7			.7				14.7	13.2
WNW		1.3	2.7	.7	.7							5.3	9.3
NW				3.3	1.3	.7						5.3	15.6
NNW		.7	1.3	2.0		.7						4.7	11.9
VARBL													
CALM												.0	
	2.7	13.3	18.0	34.0	14.0	12.7	4.7	.7				100.0	14.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.3	.7	.7	.7	1.3	.7					6.7	12.8
NNE		1.3	1.3	2.0	5.3	1.3	1.3					12.0	18.0
NE			.7	.7	.7								
ENE			.7	.7	.7			.7				2.0	19.3
E			.7	.7	1.3							2.7	15.0
ESE				.7	.7							.7	15.0
SE													
SSE	.7			2.7	.7			.7				4.7	15.3
S		2.0	2.0	1.3	1.3	.7	.7	.7				8.7	14.8
SSW	.7	.7	1.3			.7	.7					4.0	12.3
SW	.7	1.3	1.3	1.3		1.3		.7				5.3	15.9
WSW	1.3	2.7	5.3	2.7	3.3	2.0	1.3					18.7	13.3
W		2.0	4.0	3.3	2.0	2.0	2.7					16.0	15.8
WNW	.7	.7	2.0	.7	.7	.7		.7				5.3	13.3
NW	.7		.7	.7	.7	.7						2.7	12.3
NNW			2.7	1.3	1.3			.7				6.0	15.6
VARBL													
CALM												4.7	
	5.3	12.7	21.3	18.0	16.0	10.7	7.3	4.0				100.0	14.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.0	.7	.7	.7						4.0	13.2
NNE			2.0	3.3	2.7	.7	.7					9.3	15.9
NE			.7	.7			.7					2.0	18.0
ENE	.7		.7	1.3		.7						3.3	12.2
E	1.3	.7	1.3	.7								4.0	7.0
ESE													
SE													
SSE	.7	.7	1.3	1.3		.7						4.0	12.3
S	.7	1.3	.7	.7	1.3	2.0	1.3					7.3	17.6
SSW		1.3	.7	1.3	.7	.7	.7					5.3	14.9
SW	.7	2.0	2.0	3.3	.7							8.7	9.9
WSW		.7	.7	6.0	4.0	2.7		.7				14.7	17.5
W	2.0	2.7	4.0	2.0	.7	2.0	1.3	.7				15.3	13.2
WNW			1.3	.7	1.3	.7						4.0	15.7
NW		1.3	1.3	2.7								5.3	10.0
NNW		1.3	.7	2.0	2.0							6.0	13.4
VARBL													
CALM												6.7	
	5.3	12.0	18.7	26.7	14.0	10.7	4.7	1.3				100.0	13.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.4	2.3	1.8	1.7	1.1	.2	.1				8.7	13.9
NNE	.2	.2	1.7	3.2	1.7	1.0	.7	.5				9.2	16.7
NE	.1		1.0	.5	.4	.3	.2	.1				2.6	15.5
ENE	.1		.4	.8	.4	.1	.2	.1				2.2	16.5
E	.2	.4	.7	.7	.2	.2						2.5	10.9
ESE			.1	.3	.1							.5	12.7
SE	.2	.1	.1	.2								.6	9.3
SSE	.2	.3	.5	1.4	.7	.5	.2	.1				4.0	15.0
S	.2	1.4	1.2	1.4	1.0	1.4	.3	.2	.1			7.4	15.3
SSW	.2	1.2	.5	.8	.6	.7	.9	.1				5.1	16.1
SW	.7	.7	1.7	2.6	1.2	.7	.7	.6	.1			9.1	15.6
WSW	.5	1.2	2.7	4.7	3.2	2.4	.6	.1				15.3	15.3
W	.5	1.7	3.2	3.7	2.0	1.1	1.2	.2				13.5	14.3
WNW	.2	.7	1.4	.9	1.1	.4		.2				4.9	13.2
NW	.1	.4	1.2	1.7	.5	.2	.1					4.2	12.5
NNW		.3	1.3	1.5	.7	.6		.1				4.6	14.4
VARBL													
CALM												5.5	
	3.6	10.2	20.1	26.5	15.7	10.7	5.3	2.2	.2			100.0	14.0

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	3.2	.6	1.3							8.4	8.8
NNE	.6	1.3	1.3		.6	1.3						5.2	11.4
NE				.6		.6	1.3	.6				3.2	27.2
ENE		1.3		4.5	.6		.6					7.1	15.3
E	.6		1.3	3.2	1.3	.6		1.3				8.4	16.9
ESE		.6		1.3	.6	.6						3.2	15.2
SE			.6									.6	9.0
SSE	.6		2.6	1.3	.6	.6						5.8	11.8
S	.6	.6	1.3	3.2	1.3	1.9	.6					9.7	15.7
SSW	.6			.6			.6					1.9	15.0
SW	2.6		1.9	2.6	1.9	.6						9.7	11.2
WSW		3.2	2.6	1.3	1.3	.6						9.0	11.1
W	.6		.6	3.2		2.6						7.1	16.5
WNW	.6	.6	.6	1.3								3.2	8.2
NW		.6	1.3	1.3	1.3							4.5	12.3
NNW		.6	1.3	3.2	1.3	.6						7.1	13.8
VARBL													
CALM												5.8	
	7.7	11.6	18.7	28.4	12.3	10.3	3.2	1.9				100.0	12.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC

MONTH

ALL WEATHER

CLASS

04

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.3	.6	.6							3.2	11.2
NNE		1.3	.6	1.9	1.9	.6						6.5	13.8
NE		.6		.6		1.3		.6				3.2	20.8
ENE			.6	1.3	3.2	.6						5.8	17.2
E	.6	1.9	1.3	5.8	1.9	1.9	.6					14.2	14.7
ESE		.6	1.3	1.3	1.3	.6	.6					5.2	15.3
SE					.6	.6						1.3	23.0
SSE		.6					.6	.6				1.9	23.3
S	.6	2.6		1.3	.6	.6						5.8	10.1
SSW	1.3	.6	.6	1.9		1.9	.6					7.1	15.3
SW	.6		.6	1.3	1.3	1.3						5.2	15.8
WSW	1.3	1.9	.6	3.9	2.6		.6					11.0	12.6
W	.6	.6	1.9	3.2	1.3			.6				8.4	14.2
WNW		1.3	1.9	1.3								4.5	8.7
NW		1.3	1.3	1.3	1.3							5.2	11.9
NNW				2.6			.6					3.2	16.0
VARBL													
CALM												8.4	
	5.2	14.2	12.3	28.4	16.8	9.0	3.9	1.9				100.0	13.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.9	.6	.6							3.9	10.5
NNE		.6		3.2	1.9	.6						6.5	15.3
NE				.6		1.9	1.3					3.9	24.7
ENE		.6		3.9	2.6	.6						7.7	15.6
E			1.9	1.9	.6	1.3	.6					6.5	16.2
ESE			.6	2.6	2.6	.6						6.5	16.7
SE		.6		1.3			.6					2.6	15.0
SSE	.6	.6				.6		1.3				3.2	20.2
S		1.3	1.3		1.3	.6	.6					5.2	15.3
SSW	1.3	.6	.6	1.9	1.9	.6						7.1	12.5
SW	.6	.6	1.3	.6	1.3	.6	.6	.6				6.5	16.8
WSW	1.3		1.9	3.9	2.6	.6	.6					11.0	13.7
W		2.6	1.3	1.9	1.9	.6		.6				9.0	13.5
WNW	.6	1.3	2.6	1.3	.6							6.5	9.0
NW		1.3		1.3								2.6	8.5
NNW		.6	1.3	.6	1.3	.6						4.5	14.4
VARBL													
CALM												7.1	
	4.5	11.6	14.8	25.8	19.4	9.7	4.5	2.6				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	1.3	.6	1.3							4.5	11.0
NNE			.6	.6	2.6							3.9	15.8
NE	.6		.6	1.9	1.3	.6	1.3					6.5	17.5
ENE			.6	1.9	1.9		1.3					5.8	18.9
E		2.6	3.2	2.6	2.6	.6						11.6	11.8
ESE				1.3	1.3	1.3	.6					4.5	19.7
SE		.6	.6				.6					1.9	14.0
SSE			1.9	.6								2.6	10.5
S		1.9		1.3	1.9	.6		1.3				7.1	18.0
SSW				1.9	.6	.6			.6			3.9	23.0
SW	1.3	1.3	.6	2.6	.6		1.3					7.7	12.3
WSW		1.9	1.3	2.6	1.3	1.3						8.4	13.6
W	.6	2.6	.6	3.2	.6	1.3						9.0	12.1
WNW		1.3	2.6	1.3	1.3							6.5	11.1
NW		2.6	.6	1.3								4.5	8.3
NNW	.6		1.9	.6								3.9	10.0
VARBL													
CALM												7.7	
	3.9	15.5	16.8	24.5	18.1	6.5	5.2	1.3	.6			100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	1.3	1.9	.6	.6						5.2	12.8
NNE		.6	1.3	1.3			.6					3.9	13.0
NE				.6	.6	1.3	.6					3.2	22.8
ENE			1.3	3.2	2.6	.6		.6				8.4	16.6
E	.6	1.3	3.9	1.9	1.9	.6						10.3	11.9
ESE		.6	.6	.6	.6	.6						2.6	15.0
SE			.6	1.3	.6							2.6	13.3
SSE			.6	1.3		.6	1.3					3.9	20.7
S	.6	1.3	1.3		1.3	1.3		1.3				7.7	15.9
SSW			1.9	3.2	1.3	.6						7.1	15.0
SW	.6	.6	.6	2.6	.6	.6		.6				6.5	15.5
WSW	.6	1.3	2.6	1.3	.6	1.3	1.3					9.0	14.4
W		1.9	1.3	2.6		1.3	.6					7.7	13.7
WNW		1.3	.6	2.6								4.5	10.9
NW	.6		.6	.6			.6					2.6	13.3
NNW		1.3	1.3	1.9								4.5	9.6
VARBL													
CALM												10.3	
	3.2	11.6	20.0	26.5	11.0	9.7	5.2	2.6				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC

MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	1.9	1.3	1.3							7.1	9.7
NNE		.6	1.9	1.3	.6	1.3						5.8	14.0
NE	.6	.6	1.3	.6	.6	.6						4.5	12.6
ENE	.6	1.9	.6	3.2	1.9	1.9			.6			11.0	15.4
E		.6	3.2	3.9		.6						8.4	12.0
ESE					1.3							1.3	19.0
SE			.6	.6		.6	.6					2.6	19.0
SSE	.6	.6	1.9	.6		.6						3.9	7.5
S	.6	2.6		1.9	.6	.6	.6	1.3				8.4	16.3
SSW	1.9					1.3						3.2	11.4
SW	.6		.6	3.9	1.9		.6					7.7	15.5
WSW	.6	.6	.6	3.2	.6	.6	.6					7.1	14.3
W		.6	1.9	3.2	1.9	.6						8.4	13.8
WNW		1.3	.6	1.9		.6	.6					5.2	14.1
NW		.6	.6	1.3								2.6	10.5
NNW		.6	1.3	1.3	.6	.6						4.5	12.6
VARBL													
CALM												8.4	
	6.5	12.9	17.4	28.4	11.6	9.7	3.2	1.3	.6			100.0	12.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC

MONTH

19

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	.6	1.9								3.9	10.0
NNE		.6	2.6	.6		1.3						5.2	13.0
NE		.6		1.9	1.3	.6		.6				5.2	19.0
ENE			3.2	1.3	1.3							5.8	12.8
E		.6	1.3	3.9	1.9	1.3						9.0	14.6
ESE		.6	1.3	1.3		.6						3.9	13.3
SE		1.9		.6								2.6	6.5
SSE	.6		1.3	.6		.6						3.2	12.2
S		1.3	1.3	1.3	.6		.6					5.2	12.8
SSW		.6	.6	1.3	.6	1.3	.6					4.5	18.6
SW		1.3	1.9	4.5	1.3	.6	.6					10.3	14.4
WSW	1.3		.6	1.9		1.9						5.8	13.8
W		1.9	2.6	2.6	1.3	1.3						9.7	13.1
WNW		1.3	1.9	.6	.6							4.5	10.1
NW	.6	.6	.6	.6		.6						3.2	10.6
NNW	.6		3.2	2.6		1.3						7.7	12.2
VARBL													
CALM												10.3	
	3.2	12.3	23.2	27.7	9.0	11.6	1.9	.6				100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC
MONTH

22
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.3	.6	2.6	.6							5.2	11.3
NNE			4.5	.6		.6						5.8	10.9
NE				.6		1.3	1.3	.6				3.9	26.3
ENE			1.3	1.9	1.9	1.3						6.5	16.2
E		1.3	2.6	4.5	1.3	1.3	.6					11.6	13.8
ESE		.6	1.9									2.6	7.8
SE						.6						.6	27.0
SSE	.6	.6	1.3	.6		.6						3.9	11.3
S		1.9	.6	1.9	1.9	1.3						7.7	14.3
SSW	.6	.6		.6	1.9	.6						4.5	14.1
SW			2.6	3.2	1.9		.6					8.4	14.8
WSW	.6	1.3	1.3	1.9	1.3	.6						7.1	11.7
W		1.3	3.2	3.9	1.9	.6						11.0	12.6
WNW		1.9	1.3	.6								3.9	8.0
NW				3.2	1.3	.6						3.9	15.2
NNW		1.9	.6									3.9	10.5
VARBL													
CALM												9.7	
	1.9	12.9	21.9	26.5	14.2	9.7	2.6	.6				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	1.5	1.3	.8	.1						5.2	10.5
NNE	.1	.6	1.6	1.2	1.0	.7	.1					5.3	13.4
NE	.2	.2	.2	1.0	.5	1.0	.7	.3				4.2	20.7
ENE	.1	.5	1.0	2.7	2.0	.6	.2	.1	.1			7.3	15.9
E	.2	1.0	2.3	3.5	1.5	1.0	.2	.2				10.0	13.8
ESE		.4	.7	1.0	1.0	.5	.2					3.7	15.5
SE		.4	.3	.5	.2	.2	.2					1.9	14.7
SSE	.4	.3	1.2	.6	.1	.4	.2	.2				3.5	14.0
S	.3	1.8	.7	1.4	1.2	.9	.3	.5				7.1	15.0
SSW	.7	.2	.5	1.5	.8	.9	.2		.1			4.9	15.4
SW	.8	.5	1.3	2.7	1.4	.5	.5	.2				7.7	14.3
WSW	.7	1.3	1.5	2.5	1.3	.9	.4					8.5	13.1
W	.2	1.5	1.7	3.0	1.1	1.0	.1	.2				8.8	13.6
WNW	.2	1.3	1.5	1.4	.3	.1	.1					4.8	10.2
NW	.2	.9	.6	1.4	.3	.2	.1					3.6	11.4
NNW	.2	.6	1.4	1.6	.6	.4	.1					4.9	12.4
VARBL													
CALM												8.5	
	4.5	12.8	10.1	27.0	14.0	9.5	3.7	1.6	.2			100.0	12.8

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

ALL

NORTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.5	2.2	2.7	1.1	.4	.1	.0				8.7	11.4
NNE	.5	1.4	2.0	2.1	.8	.6	.2	.1				7.5	11.9
NE	.3	.7	1.1	1.2	.5	.4	.2	.1				4.4	12.8
ENE	.3	.9	1.5	1.4	.7	.3	.1	.0	.0			5.3	11.7
E	.5	1.1	1.5	1.5	.5	.4	.1	.0				5.6	11.1
ESE	.3	.5	.6	.5	.2	.1	.0					2.2	10.1
SE	.2	.6	.5	.4	.2	.1	.0					2.0	10.1
SSE	.3	.7	1.2	1.0	.3	.2	.1	.0				3.9	11.0
S	.5	1.4	2.1	1.9	.6	.4	.2	.1	.0	.0		7.2	11.5
SSW	.4	.6	1.1	1.3	.6	.4	.3	.0	.0	.0		4.7	12.9
SW	.6	.8	1.5	2.8	1.3	.9	.4	.2	.0	.0		8.5	14.4
WSW	.6	1.2	2.0	3.7	1.6	1.2	.3	.1	.0	.0	.0	10.8	13.8
W	.5	1.5	2.8	3.7	1.5	1.0	.3	.1	.0	.0	.0	11.4	13.1
WNW	.2	.8	1.0	1.0	.4	.2	.1	.1	.0	.0	.0	3.8	12.3
NW	.2	.5	.9	1.0	.3	.2	.0	.0				3.1	11.3
NNW	.3	.6	1.1	1.3	.5	.3	.1	.0				4.2	12.1
VARBL													
CALM												6.8	
	6.2	14.8	23.2	27.4	11.1	7.1	2.5	.8	.1	.0	.0	100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

14607

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

ALL
MONTH

INSTRUMENT

CLASS

ALL
HOURS (L.S.T.)

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	1.7	3.1	1.4	1.1	.3	.0				9.5	13.0
NNE	.6	1.9	2.2	2.3	.8	.8	.4	.1				9.2	12.3
NE	.3	1.0	1.6	1.6	.5	.8	.4	.1				6.5	13.6
ENE	.6	1.1	1.3	1.8	.9	.6	.3	.1	.0			6.6	12.7
E	.7	1.2	1.3	2.1	.8	.7	.3	.1				7.3	13.0
ESE	.3	.5	.7	.5	.3	.2	.1					2.6	11.3
SE	.1	.6	.3	.7	.4	.3	.1					2.4	13.1
SSE	.5	.5	1.3	1.8	.8	.5	.1	.1				5.6	13.3
S	.4	1.3	1.6	2.4	.8	1.1	.5	.2	.0	.0		8.3	14.3
SSW	.2	.3	.9	1.0	.7	.3	.3	.1	.1	.0		3.8	14.5
SW	.5	.6	1.0	2.3	1.5	1.0	.3	.1	.0			7.3	13.4
WSW	.5	.9	1.9	4.9	1.9	1.5	.4	.1	.0	.0	.0	12.2	14.7
W	.3	1.0	2.2	2.6	1.4	1.1	.2	.1	.0	.0	.0	9.0	14.0
WNW	.2	.2	.5	.4	.3	.2	.1	.1	.0			1.9	15.1
NW	.1	.1	.2	.3	.3	.2	.1					1.4	15.3
NNW	.2	.2	.3	.6	.4	.3	.2					2.1	15.1
VARBL													
CALM												4.1	
	6.3	12.7	19.2	28.3	13.2	10.6	4.0	1.3	.2	.1	.1	100.0	13.2

TOTAL NUMBER OF OBSERVATIONS

3480

NWSD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than $6/10$ total sky cover and those cases where total sky cover is $6/10$ or more, but not more than $1/2$ of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 1800															
≥ 1500					91.0										92.6
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500										97.4					98.1
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0					95.4		96.9			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility ≥ 3 miles = 95.4%.
 Visibility ≥ 2 miles = 96.9%.
 Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8	10
	(or obscured)

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
AI 18000	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
AI 16000	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
AI 14000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
AI 12000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
AI 10000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
AI 9000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
AI 8000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
AI >8000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
AI 6000	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
AI 5000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
AI 4500	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI 4000	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
AI 3500	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
AI 3000	41.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
AI 2500	52.3	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
AI 2000	59.4	61.3	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
AI 1800	61.3	63.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
AI 1500	68.4	70.3	74.8	74.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
AI 1200	69.0	71.6	76.8	76.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
AI 1000	70.3	73.6	78.7	78.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
AI 900	70.3	73.6	79.4	79.4	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
AI 800	70.3	73.6	80.0	80.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 700	70.3	73.6	80.7	80.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 600	71.0	74.2	80.7	80.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 500	71.6	75.5	81.9	81.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
AI 400	71.6	75.5	81.9	81.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
AI 300	71.6	75.5	81.9	81.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
AI 200	71.6	75.5	81.9	81.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
AI 100	71.6	75.5	81.9	81.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
0	71.6	75.5	81.9	81.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 18000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 16000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 14000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 12000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 10000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 9000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 8000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 7000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 6000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 5000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 4500	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 4000	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 3500	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 3000	40.7	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 2500	49.7	51.6	53.6	53.6	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2
≥ 2000	56.8	60.0	61.9	61.9	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6
≥ 1800	57.4	60.7	63.2	63.2	63.2	63.2	64.5	64.5	64.5	64.5	64.5	64.5
≥ 1500	61.9	65.8	70.3	72.3	72.3	72.3	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1200	62.6	66.5	71.6	74.8	74.8	74.8	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1000	64.5	68.4	74.8	79.4	79.4	79.4	82.6	82.6	82.6	82.6	82.6	82.6
≥ 900	65.8	69.7	76.8	81.3	81.3	81.3	85.8	85.8	85.8	85.8	85.8	85.8
≥ 800	65.8	70.3	77.4	82.6	82.6	82.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 700	65.8	70.3	77.4	82.6	82.6	82.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 600	66.5	71.0	78.1	83.2	83.2	83.2	89.0	89.0	89.0	89.0	89.0	89.0
≥ 500	67.7	72.9	80.0	85.2	85.2	85.2	91.6	91.6	91.6	91.6	91.6	91.6
≥ 400	67.7	72.9	80.0	85.2	85.2	85.2	91.6	91.6	91.6	91.6	91.6	91.6
≥ 300	67.7	72.9	80.0	85.2	85.2	85.2	91.6	91.6	91.6	91.6	91.6	91.6
≥ 200	67.7	72.9	80.0	85.2	85.2	85.2	91.6	91.6	91.6	91.6	91.6	91.6
≥ 100	67.7	72.9	80.0	85.2	85.2	85.2	91.6	91.6	91.6	91.6	91.6	91.6
0	67.7	72.9	80.0	85.2	85.2	85.2	91.6	91.6	91.6	91.6	91.6	91.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704 STATION 25704 ALASKA STATION NAME 73-77 YEARS JAN MONTH 07 HOURS (U.S.T.)

455

HHMM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

HHMM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
18000		16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
AI 16000		16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
AI 14000		16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
AI 12000		16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
AI 10000		16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
AI 9000		16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
AI 8000		18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
AI 7000		18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
AI 6000		18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
AI 5000		18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
AI 4500		22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
AI 4000		23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI 3500		31.0	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
AI 3000		37.4	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
AI 2500		48.4	51.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
AI 2000		54.2	58.1	61.3	61.9	61.9	62.6	63.2	63.2	63.9	63.9	63.9	63.9
AI 1800		54.8	58.7	62.6	63.2	63.2	63.9	65.2	65.2	65.8	65.8	65.8	65.8
AI 1500		59.4	63.9	69.7	71.6	71.6	72.9	74.2	74.2	75.5	75.5	75.5	75.5
AI 1200		60.0	65.8	72.3	74.8	74.8	76.1	77.4	77.4	78.7	78.7	78.7	78.7
AI 1000		63.9	69.7	76.8	80.7	80.7	81.9	83.9	83.9	85.2	85.2	85.2	85.2
AI 900		64.5	71.6	78.7	82.6	82.6	84.5	86.5	86.5	88.4	88.4	88.4	88.4
AI 800		65.8	73.6	80.7	84.5	84.5	86.5	88.4	88.4	90.3	90.3	90.3	90.3
AI 700		65.8	74.2	81.9	85.8	85.8	87.7	89.7	89.7	92.3	92.3	92.3	92.3
AI 600		65.8	74.8	82.6	86.5	86.5	89.0	91.0	91.0	94.8	94.8	94.8	94.8
AI 500		65.8	74.8	82.6	87.1	87.1	89.7	91.6	91.6	97.4	97.4	97.4	97.4
AI 400		65.8	74.8	82.6	87.1	87.1	89.7	91.6	91.6	98.1	98.1	98.1	98.1
AI 300		65.8	74.8	82.6	87.1	87.1	89.7	91.6	91.6	99.4	99.4	99.4	99.4
AI 200		65.8	74.8	82.6	87.1	87.1	89.7	91.6	91.6	100.0	100.0	100.0	100.0
AI 100		65.8	74.8	82.6	87.1	87.1	89.7	91.6	91.6	100.0	100.0	100.0	100.0
AI 0		65.8	74.8	82.6	87.1	87.1	89.7	91.6	91.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704 STATION ADALAK, ALASKA 73-77 YEARS MONTH JAN HOURS (L.S.T.) 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	8.4	9.0	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 20000	8.4	9.0	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
18000	8.4	9.7	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
16000	8.4	9.7	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
14000	8.4	10.3	10.3	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
12000	8.4	11.0	11.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
10000	8.4	11.0	11.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
8000	11.0	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
7000	11.0	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
6000	11.6	16.1	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
5000	12.3	17.4	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
4500	12.9	19.4	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
4000	13.6	22.6	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
3500	16.1	29.0	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
3000	19.4	38.7	39.4	40.0	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
2500	23.2	48.4	49.0	49.7	51.0	51.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
2000	23.2	59.4	60.7	62.6	65.2	65.2	66.5	66.5	66.5	67.1	67.1	67.1	67.1	67.1
1800	23.2	60.0	61.9	64.5	67.1	67.1	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3
1500	23.2	65.2	68.4	71.0	74.8	74.8	77.4	78.1	78.1	79.4	79.4	79.4	79.4	79.4
1200	23.2	65.8	69.7	72.9	76.8	76.8	80.0	80.0	80.7	82.6	82.6	82.6	82.6	82.6
1000	23.2	68.4	73.6	76.8	80.7	80.7	84.5	85.2	85.8	87.7	87.7	87.7	87.7	87.7
900	23.2	68.4	74.2	77.4	81.3	81.3	85.8	86.5	87.1	89.0	89.0	89.0	89.0	89.0
800	23.2	68.4	74.2	78.1	81.9	81.9	86.5	87.1	88.4	91.0	91.0	91.0	91.0	91.0
700	23.2	69.0	74.8	78.7	82.6	83.2	88.4	89.0	89.7	92.3	92.3	92.3	92.3	92.3
600	23.2	69.0	74.8	78.7	83.2	84.5	91.0	91.6	92.3	94.8	94.8	94.8	94.8	94.8
500	23.2	69.0	74.8	78.7	83.2	84.5	91.6	92.3	92.9	97.4	97.4	97.4	97.4	98.1
400	23.2	69.0	74.8	78.7	83.2	84.5	91.6	92.3	92.9	97.4	97.4	97.4	97.4	98.1
300	23.2	69.0	74.8	78.7	83.2	84.5	91.6	92.3	92.9	97.4	97.4	97.4	97.4	98.7
200	23.2	69.0	74.8	78.7	83.2	84.5	91.6	92.3	92.9	97.4	97.4	97.4	97.4	98.7
100	23.2	69.0	74.8	78.7	83.2	84.5	91.6	92.3	92.9	97.4	97.4	97.4	97.4	100.0
0	23.2	69.0	74.8	78.7	83.2	84.5	91.6	92.3	92.9	97.4	97.4	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

JAN
MONTH

13
HOURS (S.T.)

453

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

IMP

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 20000	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
AI 18000	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
AI 16000	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
AI 14000	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
AI 12000	9.0	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
AI 10000	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
AI 9000	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
AI 8000	11.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
AI 7000	12.3	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
AI 6000	12.9	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
AI 5000	12.9	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
AI 4500	12.9	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
AI 4000	14.8	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
AI 3500	19.4	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
AI 3000	22.6	39.4	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
AI 2500	27.1	52.3	54.2	54.8	54.8	54.8	54.8	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5
AI 2000	29.7	61.9	66.5	68.4	69.0	69.0	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
AI 1800	29.7	63.9	68.4	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
AI 1500	30.3	68.4	74.2	78.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
AI 1200	31.0	69.7	76.1	80.0	81.9	82.6	84.5	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
AI 1000	31.0	73.6	80.0	83.9	86.5	87.1	89.0	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
AI 900	31.0	73.6	80.0	84.5	87.1	87.7	89.7	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI 800	31.0	73.6	80.7	85.2	87.7	88.4	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
AI 700	31.0	74.2	81.9	86.5	89.0	90.3	92.3	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
AI 600	31.0	74.8	82.6	87.1	89.7	91.0	94.2	94.8	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 500	31.0	74.8	82.6	87.1	89.7	91.0	94.2	94.8	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 400	31.0	74.8	82.6	87.1	89.7	91.0	94.2	94.8	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 300	31.0	74.8	82.6	87.1	89.7	91.0	94.2	94.8	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 200	31.0	74.8	82.6	87.1	89.7	91.0	94.2	94.8	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 100	31.0	74.8	82.6	87.1	89.7	91.0	94.2	94.8	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 0	31.0	74.8	82.6	87.1	89.7	91.0	94.2	94.8	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	10.3	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 20000	10.3	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 18000	11.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 16000	11.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 14000	11.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 12000	11.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 10000	11.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 9000	11.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 8000	11.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 7000	12.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 6000	12.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 5000	12.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 4500	13.6	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 4000	13.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 3500	16.8	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 3000	18.7	35.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 2500	22.6	47.7	49.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 2000	23.2	58.7	62.6	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1800	23.2	61.9	66.5	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1500	23.2	66.5	71.6	76.8	78.1	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1200	23.2	66.5	71.6	77.4	79.4	80.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1000	23.2	67.1	73.6	79.4	81.3	82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	23.2	67.1	74.2	80.0	81.9	83.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 800	23.2	67.1	74.2	80.7	83.9	85.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 700	23.2	67.1	74.2	80.7	84.5	86.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 600	23.2	67.1	74.8	81.3	85.8	87.7	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 500	23.2	67.1	74.8	81.3	85.8	87.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 400	23.2	67.1	74.8	81.3	85.8	87.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	23.2	67.1	74.8	81.3	85.8	87.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 200	23.2	67.1	74.8	81.3	85.8	87.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 100	23.2	67.1	74.8	81.3	85.8	87.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 0	23.2	67.1	74.8	81.3	85.8	87.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

STATION 25704 ADAK, ALASKA 71-77 YEARS 1968
 MONTH JAN NORTH
 HOURS (L.S.T.) 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	1.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 20000	1.3	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
18000	1.3	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
16000	1.3	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
14000	1.3	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
12000	1.3	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
10000	1.3	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
9000	1.3	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
8000	1.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
7000	1.3	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
6000	1.3	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
5000	1.3	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
4500	1.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
4000	1.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
3500	1.9	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
3000	1.9	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
2500	1.9	45.2	46.5	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
2000	2.6	54.2	55.5	57.4	58.7	58.7	60.0	60.7	61.3	61.3	61.3
1800	2.6	55.5	56.8	60.0	61.3	61.3	62.6	63.9	64.5	64.5	64.5
1500	2.6	64.5	67.7	72.3	74.2	74.2	76.1	78.7	79.4	79.4	79.4
1200	2.6	65.8	71.0	75.5	77.4	77.4	80.7	83.9	84.5	84.5	84.5
1000	2.6	67.7	74.2	80.0	82.6	82.6	85.8	89.0	89.7	89.7	89.7
900	2.6	68.4	74.8	80.7	83.9	83.9	87.1	90.3	91.6	91.6	91.6
800	2.6	68.4	74.8	80.7	84.5	84.5	88.4	91.6	92.3	92.3	92.3
700	2.6	68.4	74.8	80.7	84.5	84.5	88.4	91.6	92.3	92.3	92.3
600	2.6	68.4	74.8	80.7	84.5	85.2	89.0	92.3	92.9	96.1	96.1
500	2.6	69.0	75.5	81.3	85.2	85.8	89.7	93.6	94.2	98.1	98.1
400	2.6	69.0	75.5	81.3	85.2	85.8	89.7	93.6	94.2	98.7	98.7
300	2.6	69.0	75.5	81.3	85.2	85.8	89.7	93.6	94.2	98.7	98.7
200	2.6	69.0	75.5	81.3	85.2	85.8	89.7	93.6	94.2	98.7	98.7
100	2.6	69.0	75.5	81.3	85.2	85.8	89.7	93.6	94.2	98.7	98.7
0	2.6	69.0	75.5	81.3	85.2	85.8	89.7	93.6	94.2	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 153

CEILING VERSUS VISIBILITY

25704
STATION NAME
ADAK, ALASKA
73-77
YEAR
JAN
MONTH
22
HOURS (S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 20000		14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
18000		14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
16000		16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
14000		16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
12000		16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
10000		16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
9000		16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
8000		16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
7000		17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
6000		18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
5000		18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
4500		19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
4000		20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
3500	.7	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
3000	.7	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
2500	.7	49.0	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
2000	.7	56.1	58.7	60.7	61.9	61.9	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
1800	.7	56.1	59.4	61.3	63.2	63.2	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
1500	1.3	65.2	70.3	74.2	77.4	77.4	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
1200	1.3	65.2	71.0	76.1	79.4	80.0	80.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
1000	1.3	65.8	72.3	78.7	84.5	85.2	85.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
900	1.3	65.8	72.9	79.4	85.8	86.5	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
800	1.3	65.8	73.6	80.0	86.5	87.1	88.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
700	1.3	65.8	74.2	81.3	87.7	88.4	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
600	1.3	66.5	74.8	83.2	90.3	91.0	92.9	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8
500	1.3	67.1	75.5	83.9	91.0	91.6	93.6	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1
400	1.3	67.1	75.5	83.9	91.0	91.6	93.6	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1
300	1.3	67.7	76.1	84.5	91.6	92.3	94.2	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
200	1.3	67.7	76.1	84.5	91.6	92.3	94.2	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
100	1.3	67.7	76.1	84.5	91.6	92.3	94.2	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
0	1.3	67.7	76.1	84.5	91.6	92.3	94.2	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

STATION 25704 ADAK, ALASKA STATION NAME 73-77 YEARS PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) JAN NORTH HOURS 14.7

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	≥ 20000	3.5	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
	≥ 18000	3.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
	≥ 16000	3.7	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
	≥ 14000	3.7	14.4	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
	≥ 12000	3.7	14.5	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
	≥ 10000	3.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
	≥ 9000	3.8	14.9	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
	≥ 8000	3.8	14.9	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
	≥ 7000	4.4	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
	≥ 6000	4.6	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
NO CEILING	≥ 5000	4.8	17.8	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
	≥ 4500	4.8	18.3	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
	≥ 4000	5.1	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	≥ 3500	5.4	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
	≥ 3000	6.9	28.4	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
	≥ 2500	7.9	38.1	38.7	39.0	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
	≥ 2000	9.4	49.1	50.7	51.9	52.1	52.1	52.3	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6
	≥ 1800	9.9	57.6	60.4	62.5	63.5	63.5	64.1	64.4	64.4	64.8	64.9	64.9	64.9	64.9	64.9
	≥ 1500	9.9	58.9	61.9	64.6	65.7	65.8	66.7	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7
	≥ 1200	10.1	64.9	69.0	73.4	75.8	76.0	77.8	78.6	78.7	79.4	79.5	79.6	79.6	79.6	79.6
NO CEILING	≥ 1000	10.2	65.6	70.4	75.3	78.1	78.4	80.8	81.9	82.0	82.8	82.9	83.0	83.0	83.0	83.0
	≥ 900	10.2	67.7	73.2	78.6	82.3	82.7	85.2	86.6	86.7	87.6	87.7	87.8	87.8	87.8	87.8
	≥ 800	10.2	68.0	73.9	79.6	83.4	84.0	86.7	88.2	88.2	89.4	89.4	89.6	89.6	89.6	89.6
	≥ 700	10.2	68.2	74.4	80.3	84.5	85.2	88.2	89.8	89.9	91.5	91.6	91.8	91.8	91.8	91.8
	≥ 600	10.2	68.3	74.8	80.9	85.2	86.0	89.3	90.8	91.1	92.9	93.0	93.2	93.2	93.2	93.2
	≥ 500	10.2	68.6	75.2	81.5	86.1	87.0	90.8	92.6	92.8	95.0	95.2	95.3	95.3	95.3	95.3
	≥ 400	10.2	69.0	75.8	82.1	86.8	87.7	91.9	93.9	94.1	96.9	97.3	97.5	97.5	97.5	97.5
	≥ 300	10.2	69.0	75.8	82.1	86.8	87.7	91.9	93.9	94.1	97.2	97.6	97.8	97.8	97.8	97.8
	≥ 200	10.2	69.1	75.9	82.2	86.9	87.8	91.9	94.0	94.2	97.6	98.1	98.4	98.4	98.4	98.4
	≥ 100	10.2	69.1	75.9	82.2	86.9	87.8	91.9	94.0	94.3	97.7	98.2	98.6	98.6	98.6	98.6
≥ 0	10.2	69.1	75.9	82.2	86.9	87.8	91.9	94.0	94.3	97.7	98.2	98.7	98.7	98.7	98.7	

TOTAL NUMBER OF OBSERVATIONS 1240

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

FEB
MONTH01
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 18000		11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 16000		13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
≥ 14000		13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
≥ 12000		13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
≥ 10000		14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
≥ 9000		14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
≥ 8000		15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
≥ 7000		16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 6000		16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 5000		18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
≥ 4500		20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 4000		22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 3500		28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 3000		36.2	36.9	38.3	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 2500		48.9	51.8	53.9	53.9	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 2000		61.7	64.5	68.1	68.8	69.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 1800		63.1	66.0	69.5	70.2	70.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1500		68.8	73.1	78.0	80.9	81.6	85.8	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200		71.6	75.9	80.9	85.1	85.8	90.1	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000		71.6	77.3	83.0	87.2	88.7	93.6	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900		71.6	77.3	83.0	87.2	88.7	93.6	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800		71.6	77.3	83.0	87.9	89.4	95.0	96.5	96.5	97.2	97.2	97.2	97.2
≥ 700		72.3	78.0	83.7	88.7	90.1	95.7	97.2	97.2	97.9	97.9	97.9	97.9
≥ 600		72.3	78.0	83.7	88.7	90.1	95.7	97.2	97.2	97.9	97.9	97.9	97.9
≥ 500		72.3	78.0	83.7	88.7	90.1	95.7	97.2	97.2	97.9	97.9	97.9	97.9
≥ 400		72.3	78.0	83.7	88.7	90.1	95.7	97.2	97.2	98.6	98.6	98.6	98.6
≥ 300		72.3	78.0	83.7	88.7	90.1	95.7	97.2	97.2	99.3	99.3	99.3	99.3
≥ 200		72.3	78.0	83.7	88.7	90.1	95.7	97.2	97.2	99.3	99.3	99.3	99.3
≥ 100		72.3	78.0	83.7	88.7	90.1	95.7	97.2	97.2	99.3	99.3	99.3	99.3
0		72.3	78.0	83.7	88.7	90.1	95.7	97.2	97.2	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

25704 STATION 25704 ADAK, ALASKA STATION NAME 73-77 YEARS FEB MONTH 04 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 20000	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
18000	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
16000	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
14000	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
12000	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
10000	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
9000	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
8000	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
7000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
6000	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
5000	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
4500	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
4000	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
3500	24.1	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
3000	32.6	33.3	35.5	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
2500	39.0	39.7	43.3	45.4	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
2000	50.4	51.8	56.7	58.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
1800	51.8	53.9	59.6	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
1500	60.3	67.4	75.9	78.7	82.3	83.0	83.7	83.7	83.7	83.7	84.4	84.4
1200	61.0	68.1	78.7	81.6	85.8	87.2	88.7	88.7	88.7	88.7	89.4	89.4
1000	62.4	69.5	80.1	83.0	87.9	90.8	92.9	92.9	92.9	92.9	93.6	94.3
900	62.4	69.5	80.1	83.0	87.9	90.8	92.9	92.9	92.9	92.9	93.6	94.3
800	62.4	69.5	80.1	83.0	87.9	90.8	92.9	92.9	92.9	92.9	93.6	94.3
700	62.4	69.5	80.1	83.0	87.9	90.8	92.9	92.9	92.9	92.9	93.6	94.3
600	63.1	70.2	80.9	84.4	89.4	92.2	95.0	95.0	95.0	95.0	95.0	95.0
500	63.1	70.2	80.9	84.4	89.4	92.2	95.0	95.0	95.0	95.0	95.0	95.0
400	63.1	70.2	80.9	84.4	89.4	92.2	95.0	95.0	95.0	95.0	95.0	95.0
300	63.1	70.2	80.9	84.4	89.4	92.2	95.0	95.0	95.0	95.0	95.0	95.0
200	63.1	70.2	80.9	84.4	89.4	92.2	95.0	95.0	95.0	95.0	95.0	95.0
100	63.1	70.2	80.9	84.4	89.4	92.2	95.0	95.0	95.0	95.0	95.0	95.0
0	63.1	70.2	80.9	84.4	89.4	92.2	95.0	95.0	95.0	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS 141

CEILING VERSUS VISIBILITY

ADAK, ALASKA

73-77

STATION NAME

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING															
At 20000	7	11.4	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
At 18000	7	12.1	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
At 16000	7	12.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
At 14000	7	12.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
At 12000	7	12.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
At 10000	7	14.2	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
At 8000	7	14.2	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
At 7000	7	14.9	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
At 6000	7	15.6	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
At 5000	7	15.6	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
At 4500	7	17.7	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
At 4000	7	20.6	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
At 3500	7	24.8	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
At 3000	1.4	39.7	41.1	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
At 2500	1.4	48.9	51.8	53.9	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
At 2000	1.4	61.0	65.3	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
At 1800	1.4	61.0	65.3	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
At 1500	1.4	65.3	71.6	75.2	77.3	79.4	80.1	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4
At 1200	1.4	67.4	74.5	78.0	80.9	83.0	85.1	87.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9
At 1000	1.4	68.1	75.2	79.4	83.0	85.1	86.5	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2
At 900	1.4	68.8	75.9	80.1	83.7	85.8	87.2	92.2	92.2	92.9	93.6	93.6	93.6	93.6	93.6
At 800	1.4	68.8	75.9	80.1	83.7	85.8	87.9	93.6	93.6	95.0	95.7	95.7	95.7	95.7	95.7
At 700	1.4	68.8	75.9	80.1	83.7	85.8	87.9	93.6	93.6	95.0	95.7	95.7	95.7	95.7	95.7
At 600	1.4	68.8	75.9	80.1	83.7	85.8	87.9	93.6	93.6	95.0	95.7	95.7	95.7	95.7	95.7
At 500	1.4	68.8	75.9	80.1	83.7	85.8	87.9	93.6	93.6	95.0	95.7	95.7	95.7	95.7	95.7
At 400	1.4	68.8	75.9	80.1	83.7	85.8	87.9	93.6	93.6	95.0	95.7	95.7	95.7	95.7	95.7
At 300	1.4	68.8	75.9	80.1	83.7	85.8	87.9	93.6	93.6	95.0	95.7	95.7	95.7	95.7	95.7
At 200	1.4	68.8	75.9	80.1	83.7	85.8	87.9	93.6	93.6	95.7	97.2	97.2	97.2	97.2	97.2
At 100	1.4	68.8	75.9	80.1	83.7	85.8	87.9	93.6	93.6	95.7	97.2	97.2	97.2	97.2	97.2
At 0	1.4	68.8	75.9	80.1	83.7	85.8	87.9	93.6	93.6	95.7	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)10
HOURS (L.S.T.)

445

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	8.5	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
≥ 20000	8.5	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
AI 18000	9.2	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
AI 16000	9.2	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
AI 14000	9.2	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
AI 12000	9.2	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
AI 10000	9.2	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
AI 9000	9.9	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
AI 8000	10.6	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
AI 7000	12.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
AI 6000	12.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
AI 5000	13.5	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
AI 4500	14.2	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
AI 4000	16.3	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
AI 3500	17.7	29.1	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
AI 3000	23.4	41.1	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
AI 2500	24.1	51.1	52.5	56.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
AI 2000	24.1	56.7	59.6	64.5	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
AI 1800	24.8	58.9	62.4	68.8	70.2	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
AI 1500	24.8	60.3	67.4	77.3	79.4	80.9	81.6	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7
AI 1200	24.8	60.3	68.1	79.4	81.6	83.0	84.4	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2
AI 1000	24.8	61.7	69.5	80.9	83.0	84.4	85.8	88.7	89.4	90.1	90.8	90.8	90.8	90.8	90.8
AI 900	24.8	61.7	69.5	80.9	83.0	84.4	85.8	88.7	89.4	90.1	91.5	91.5	91.5	91.5	91.5
AI 800	24.8	61.7	69.5	80.9	83.0	84.4	85.8	88.7	89.4	90.1	92.2	92.2	92.2	92.2	92.2
AI 700	24.8	61.7	69.5	80.9	83.7	85.1	86.5	89.4	90.1	90.8	92.9	92.9	92.9	92.9	92.9
AI 600	24.8	61.7	69.5	80.9	84.4	85.8	87.9	90.8	91.5	92.2	94.3	94.3	95.0	95.0	95.0
AI 500	24.8	61.7	69.5	80.9	85.1	86.5	88.7	92.2	92.9	94.3	97.2	97.2	97.9	98.6	98.6
AI 400	24.8	61.7	69.5	80.9	85.1	86.5	88.7	92.2	92.9	94.3	97.2	97.2	98.6	99.3	99.3
AI 300	24.8	61.7	69.5	80.9	85.1	86.5	88.7	92.2	92.9	94.3	97.2	97.2	98.6	99.3	99.3
AI 200	24.8	61.7	69.5	80.9	85.1	86.5	88.7	92.2	92.9	94.3	97.2	97.2	98.6	99.3	99.3
AI 100	24.8	61.7	69.5	80.9	85.1	86.5	88.7	92.2	92.9	94.3	97.2	97.2	98.6	99.3	99.3
AI 0	24.8	61.7	69.5	80.9	85.1	86.5	88.7	92.2	92.9	94.3	97.2	97.2	98.6	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

25704 STATION ADAK, ALASKA 73-77 YEARS FEB MONTH 13 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	7.1	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 20000	7.8	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
≥ 18000	9.2	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
≥ 16000	9.2	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
≥ 14000	9.2	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
≥ 12000	9.9	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 10000	11.4	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 9000	11.4	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 8000	12.1	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
≥ 7000	13.5	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
≥ 6000	13.5	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
≥ 5000	14.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 4500	16.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 4000	20.6	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 3500	22.7	31.2	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 3000	27.0	39.0	41.1	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 2500	30.5	51.1	54.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 2000	31.2	57.5	61.7	68.8	69.5	70.2	70.2	70.2	70.2	70.9	70.9	70.9
≥ 1800	31.2	58.9	63.1	70.2	70.9	71.6	71.6	72.3	72.3	73.1	73.1	73.8
≥ 1500	31.2	63.8	68.1	77.3	79.4	80.1	80.9	81.6	81.6	82.3	82.3	83.0
≥ 1200	31.2	64.5	69.5	80.1	82.3	83.7	84.4	85.8	85.8	86.5	86.5	87.2
≥ 1000	31.2	65.3	70.2	81.6	84.4	85.8	87.2	88.7	88.7	90.1	90.1	90.8
≥ 900	31.2	65.3	70.2	81.6	84.4	85.8	87.2	88.7	90.1	91.5	91.5	92.2
≥ 800	31.2	65.3	70.9	82.3	85.1	86.5	88.7	91.5	91.5	93.6	93.6	94.3
≥ 700	31.2	65.3	70.9	82.3	85.8	87.2	89.4	92.2	92.2	94.3	94.3	95.0
≥ 600	31.2	66.0	72.3	83.7	87.2	88.7	90.8	93.6	93.6	95.7	95.7	96.5
≥ 500	31.2	66.0	72.3	83.7	87.2	88.7	91.5	94.3	94.3	97.2	97.2	97.9
≥ 400	31.2	66.0	72.3	83.7	87.2	88.7	91.5	94.3	94.3	97.2	97.2	97.9
≥ 300	31.2	66.0	72.3	83.7	87.2	88.7	91.5	94.3	94.3	97.2	97.2	97.9
≥ 200	31.2	66.0	72.3	83.7	87.2	88.7	91.5	94.3	94.3	97.2	97.2	97.9
≥ 100	31.2	66.0	72.3	83.7	87.2	88.7	91.5	94.3	94.3	97.2	97.2	97.9
0	31.2	66.0	72.3	83.7	87.2	88.7	91.5	94.3	94.3	97.2	97.2	97.9

TOTAL NUMBER OF OBSERVATIONS 141

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

7-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	7.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
≥ 20000	7.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
≥ 18000	9.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 16000	9.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 14000	9.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 12000	9.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 10000	9.9	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
≥ 9000	9.9	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
≥ 8000	11.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
≥ 7000	12.1	15.6	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 6000	12.1	16.3	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
≥ 5000	14.2	18.4	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
≥ 4500	15.6	22.7	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 4000	17.7	25.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 3500	20.6	31.9	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 3000	24.1	43.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 2500	24.8	53.2	56.7	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 2000	26.2	63.1	67.4	70.2	70.9	70.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1800	26.2	65.3	69.5	72.3	73.1	73.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1500	27.0	67.4	72.3	75.2	76.6	77.3	79.4	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1200	27.0	68.8	73.8	78.0	80.1	80.9	83.0	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1000	27.0	68.8	73.8	78.7	80.9	82.3	85.1	85.8	85.8	88.7	88.7	88.7	88.7
≥ 900	27.0	68.8	73.8	78.7	80.9	82.3	85.1	86.5	86.5	90.1	90.1	90.1	90.1
≥ 800	27.0	68.8	74.5	79.4	81.6	83.0	85.8	87.2	87.2	90.8	91.5	91.5	91.5
≥ 700	27.0	69.5	75.2	80.1	82.3	83.7	86.5	87.9	87.9	91.5	92.2	92.2	92.2
≥ 600	27.0	69.5	75.2	80.1	82.3	83.7	87.2	88.7	88.7	92.9	93.6	93.6	93.6
≥ 500	27.0	69.5	75.2	80.1	82.3	83.7	87.2	88.7	88.7	93.6	95.0	95.0	95.0
≥ 400	27.0	69.5	75.2	80.1	82.3	83.7	87.2	88.7	88.7	93.6	95.0	95.0	95.0
≥ 300	27.0	69.5	75.2	80.1	82.3	83.7	87.2	88.7	88.7	93.6	95.0	95.0	95.0
≥ 200	27.0	69.5	75.2	80.1	82.3	83.7	87.2	88.7	88.7	93.6	95.0	95.0	95.0
≥ 100	27.0	69.5	75.2	80.1	82.3	83.7	87.2	88.7	88.7	93.6	95.0	95.0	95.0
≥ 0	27.0	69.5	75.2	80.1	82.3	83.7	87.2	88.7	88.7	93.6	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

25704 STATION ADAX, ALASKA STATION NAME 73-77 YEARS FEB MONTH 19 HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	2.1	7.1	7.1	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 20000	2.1	7.1	7.1	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
18000	2.8	7.8	7.8	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
16000	2.8	7.8	7.8	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
14000	2.8	7.8	7.8	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
12000	2.8	7.8	7.8	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
10000	2.8	7.8	7.8	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
9000	2.8	7.8	7.8	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
8000	2.8	9.2	9.2	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
7000	5.0	12.8	12.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
6000	5.0	12.8	12.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
5000	5.7	13.5	13.5	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
4500	6.4	15.6	15.6	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
4000	6.4	16.3	16.3	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
3500	7.1	19.9	20.6	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
3000	8.5	31.9	34.0	35.5	35.5	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
2500	8.5	44.0	47.5	49.7	49.7	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
2000	8.5	53.9	60.3	64.5	64.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
1800	8.5	55.3	61.7	66.0	66.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
1500	8.5	58.9	68.1	75.2	75.9	78.0	78.0	78.0	78.0	78.7	78.7	78.7	78.7
1200	8.5	59.6	68.8	75.9	76.6	79.4	80.1	80.9	80.9	83.0	83.0	83.0	83.0
1000	8.5	61.0	70.2	79.4	80.1	83.0	83.7	85.1	85.1	87.2	87.2	87.2	87.2
900	8.5	61.0	70.2	79.4	80.1	83.0	83.7	85.1	85.1	87.2	87.2	87.2	87.2
800	8.5	61.0	70.9	80.1	80.9	83.7	84.4	85.8	85.8	88.7	88.7	88.7	88.7
700	8.5	61.0	70.9	80.1	80.9	83.7	84.4	85.8	85.8	88.7	88.7	88.7	88.7
600	8.5	61.0	71.6	80.9	81.6	84.4	85.1	86.5	86.5	89.4	89.4	89.4	89.4
500	8.5	61.0	71.6	80.9	81.6	84.4	85.8	87.2	87.2	91.5	92.2	92.9	92.9
400	8.5	61.0	71.6	81.6	83.0	85.8	87.9	90.1	90.1	94.3	95.0	96.5	96.5
300	8.5	61.0	71.6	81.6	83.0	85.8	87.9	90.1	90.1	94.3	95.0	96.5	96.5
200	8.5	61.0	71.6	81.6	83.0	85.8	87.9	90.8	90.8	95.0	96.5	97.9	97.9
100	8.5	61.0	71.6	81.6	83.0	85.8	87.9	90.8	90.8	95.0	96.5	98.6	98.6
0	8.5	61.0	71.6	81.6	83.0	85.8	87.9	90.8	90.8	95.0	96.5	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 141

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)22
HOURS (E.T.)

441

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNN

1234-18766

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		16.3	16.3	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
≥ 20000		16.3	16.3	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
18000		17.0	17.0	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
16000		17.0	17.0	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
14000		17.0	17.0	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
12000		17.0	17.0	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
10000		17.7	17.7	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
9000		17.7	17.7	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
8000		19.2	19.2	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
7000		19.9	19.9	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
6000		19.9	19.9	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
5000		20.6	20.6	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
4500		21.3	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
4000		22.0	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
3500		24.1	24.1	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
3000		34.0	34.0	35.5	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
2500		47.5	48.2	49.7	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
2000		58.2	59.6	62.4	63.1	63.8	64.5	64.5	64.5	64.5	64.5	64.5
1800		58.9	60.3	63.8	64.5	65.3	66.0	66.7	66.7	66.7	66.7	66.7
1500		66.7	70.2	75.2	75.9	76.6	78.0	78.7	78.7	80.1	80.1	80.1
1200		66.7	70.9	78.7	80.9	81.6	84.4	85.1	85.1	86.5	86.5	86.5
1000		68.8	73.1	82.3	85.8	86.5	89.4	90.8	90.8	92.2	92.2	92.2
900		68.8	73.1	82.3	85.8	86.5	89.4	90.8	90.8	92.2	92.2	92.2
800		68.8	73.1	82.3	85.8	86.5	89.4	90.8	90.8	92.2	92.2	92.2
700		69.5	73.8	83.0	86.5	87.2	90.1	92.9	92.9	95.7	95.7	95.7
600		69.5	73.8	83.0	86.5	87.2	90.1	92.9	92.9	95.7	95.7	95.7
500		69.5	73.8	83.7	87.2	87.9	91.5	94.3	94.3	97.9	97.9	97.9
400		69.5	73.8	83.7	87.2	87.9	91.5	94.3	94.3	97.9	97.9	97.9
300		69.5	74.5	84.4	87.9	88.7	92.2	95.0	95.0	98.6	98.6	98.6
200		69.5	74.5	84.4	87.9	88.7	92.2	95.0	95.0	98.6	98.6	98.6
100		69.5	74.5	84.4	87.9	88.7	92.2	95.0	95.0	98.6	98.6	98.6
0		69.5	74.5	84.4	87.9	88.7	92.2	95.0	95.0	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

FEB
MONTH

11
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	3.3	10.6	10.6	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
≥ 20000	3.4	10.9	11.0	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
≥ 18000	3.9	12.0	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
≥ 16000	3.9	12.1	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 14000	3.9	12.1	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 12000	4.0	12.2	12.4	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
≥ 10000	4.3	13.3	13.5	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥ 9000	4.3	13.4	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥ 8000	4.7	14.5	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 7000	5.5	16.5	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
≥ 6000	5.5	16.8	17.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
≥ 5000	6.1	17.7	18.0	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
≥ 4500	6.7	19.7	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 4000	7.7	22.3	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 3500	8.6	26.7	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 3000	10.6	37.2	38.4	39.5	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 2500	11.2	48.0	50.4	53.0	53.6	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 2000	11.4	57.8	61.3	65.3	66.2	66.8	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 1800	11.5	59.1	62.8	67.2	68.1	68.7	69.4	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1500	11.6	63.9	69.8	76.2	78.0	79.5	80.9	82.0	82.1	82.5	82.6	82.6	82.7	82.7	82.8
≥ 1200	11.6	65.0	71.2	78.7	81.1	82.9	84.7	86.2	86.3	86.9	87.0	87.0	87.1	87.1	87.2
≥ 1000	11.7	66.0	72.3	80.7	83.4	85.5	87.8	89.8	89.9	91.1	91.4	91.4	91.6	91.7	91.7
≥ 900	11.7	66.1	72.4	80.8	83.5	85.6	87.9	90.3	90.3	91.7	92.0	92.0	92.2	92.3	92.3
≥ 800	11.7	66.1	72.7	81.0	83.9	85.9	88.5	91.0	91.1	92.6	93.2	93.2	93.4	93.5	93.5
≥ 700	11.7	66.3	73.0	81.3	84.3	86.4	88.9	91.6	91.7	93.4	94.0	94.3	94.3	94.4	94.4
≥ 600	11.7	66.5	73.3	81.7	84.8	86.9	89.6	92.3	92.4	94.2	94.8	95.2	95.2	95.3	95.3
≥ 500	11.7	66.5	73.3	81.7	85.0	87.1	90.1	92.8	92.9	95.4	96.2	96.7	96.8	97.0	97.0
≥ 400	11.7	66.5	73.3	81.8	85.2	87.2	90.3	93.2	93.4	95.9	96.8	97.5	97.6	97.8	97.8
≥ 300	11.7	66.5	73.4	81.9	85.3	87.3	90.4	93.3	93.4	96.1	97.1	97.2	97.9	98.4	98.5
≥ 200	11.7	66.5	73.4	81.9	85.3	87.3	90.4	93.4	93.5	96.3	97.4	97.5	98.4	99.0	99.3
≥ 100	11.7	66.5	73.4	81.9	85.3	87.3	90.4	93.4	93.5	96.3	97.4	97.5	98.4	99.3	99.6
0	11.7	66.5	73.4	81.9	85.3	87.3	90.4	93.4	93.5	96.3	97.4	97.5	98.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1128

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY (P.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING		9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 20000		9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
18000		11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
16000		11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
14000		11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
12000		11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
10000		11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
9000		11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
8000		11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
7000		11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
6000		11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
5000		11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
4500		14.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
4000		15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
3500		18.7	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
3000		29.0	30.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
2500		39.4	43.9	45.8	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
2000		51.6	60.0	65.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
1800		53.6	62.6	67.7	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
1500		56.1	66.5	72.9	72.9	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
1200		58.1	69.0	77.4	78.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
1000		60.7	72.9	81.3	83.2	85.8	89.0	89.7	89.7	89.7	89.7	89.7	89.7
900		60.7	72.9	81.3	83.9	86.5	89.7	90.3	90.3	90.3	90.3	91.0	91.0
800		61.3	73.6	83.2	85.8	88.4	91.6	92.3	92.3	92.3	92.3	92.9	92.9
700		61.3	74.2	85.2	87.7	90.3	94.2	94.8	94.8	94.8	94.8	95.5	95.5
600		61.3	74.2	85.2	87.7	90.3	95.5	96.1	96.1	96.1	96.1	96.8	96.8
500		61.9	74.8	85.8	88.4	91.0	96.8	97.4	97.4	98.1	98.7	99.4	99.4
400		61.9	74.8	85.8	88.4	91.0	97.4	98.1	98.1	98.7	99.4	100.0	100.0
300		61.9	74.8	85.8	88.4	91.0	97.4	98.1	98.1	98.7	99.4	100.0	100.0
200		61.9	74.8	85.8	88.4	91.0	97.4	98.1	98.1	98.7	99.4	100.0	100.0
100		61.9	74.8	85.8	88.4	91.0	97.4	98.1	98.1	98.7	99.4	100.0	100.0
0		61.9	74.8	85.8	88.4	91.0	97.4	98.1	98.1	98.7	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

439

1234 - 18766

5703 CEILING VERSUS VISIBILITY JAN 68

mmh

mmh

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)04
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 18000		11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 16000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 14000		13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 12000		13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 10000		13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 9000		14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 8000		14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 7000		14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 6000		15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 5000		16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 4500		16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 4000		19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 3500		23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 3000		32.3	33.6	33.6	34.2	34.2	34.8	34.8	34.8	34.8	35.5	35.5	35.5
≥ 2500		45.2	49.7	50.3	51.0	51.0	51.6	51.6	51.6	51.6	52.3	52.3	52.3
≥ 2000		53.6	59.4	62.6	63.2	63.2	64.5	64.5	64.5	64.5	65.8	65.8	65.8
≥ 1800		54.2	60.0	63.9	64.5	64.5	65.8	65.8	65.8	65.8	67.1	67.1	67.1
≥ 1500		57.4	64.5	71.0	72.3	72.3	73.6	73.6	73.6	74.2	75.5	75.5	75.5
≥ 1200		60.0	67.1	74.8	76.8	76.8	78.1	78.1	78.1	78.7	80.0	80.0	80.0
≥ 1000		60.7	69.7	80.0	82.6	82.6	85.2	86.5	86.5	87.1	88.4	88.4	88.4
≥ 900		61.9	71.0	81.3	83.9	83.9	86.5	87.7	87.7	89.0	90.3	90.3	90.3
≥ 800		63.2	74.2	84.5	87.7	87.7	90.3	92.3	92.3	93.6	94.8	94.8	94.8
≥ 700		65.2	74.2	85.2	88.4	88.4	91.6	93.6	93.6	94.8	96.1	96.8	96.8
≥ 600		65.2	74.2	85.2	89.0	89.0	92.3	94.8	94.8	96.8	98.1	98.7	98.7
≥ 500		65.2	74.2	85.2	89.0	89.0	92.3	94.8	94.8	96.8	98.1	98.7	98.7
≥ 400		65.2	74.2	85.2	89.7	89.7	92.9	95.5	95.5	97.4	98.7	99.4	99.4
≥ 300		65.2	74.2	85.2	89.7	89.7	92.9	95.5	95.5	97.4	98.7	99.4	99.4
≥ 200		65.2	74.2	85.2	89.7	89.7	92.9	95.5	95.5	97.4	98.7	99.4	99.4
≥ 100		65.2	74.2	85.2	89.7	89.7	92.9	95.5	95.5	97.4	98.7	99.4	99.4
0		65.2	74.2	85.2	89.7	89.7	92.9	95.5	95.5	97.4	98.7	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25704 STATION
 AAK, ALASKA
 73-77 YEARS
 MAR MONTH
 07 HOURS (LST)
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	2.6	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 20000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 18000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 16000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 14000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 12000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 10000	3.2	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 9000	3.2	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 8000	4.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 7000	6.5	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 6000	6.5	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 5000	6.5	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 4500	7.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 4000	7.7	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 3500	8.4	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 3000	10.3	36.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 2500	12.3	45.8	48.4	49.0	49.0	49.7	49.7	49.7	49.7	50.3	50.3	50.3
≥ 2000	13.6	58.1	61.9	63.2	64.5	65.8	65.8	65.8	65.8	66.5	66.5	66.5
≥ 1800	13.6	58.1	61.9	63.2	64.5	65.8	65.8	65.8	65.8	66.5	66.5	66.5
≥ 1500	13.6	63.2	68.4	70.3	73.6	74.2	75.5	76.8	76.8	78.7	78.7	78.7
≥ 1200	13.6	65.2	72.9	76.1	79.4	80.0	81.9	83.2	83.2	85.8	85.8	85.8
≥ 1000	13.6	66.5	74.8	80.0	84.5	85.8	87.7	89.0	89.0	91.6	91.6	91.6
≥ 900	13.6	67.1	75.5	80.7	85.2	86.5	88.4	89.7	89.7	92.9	92.9	92.9
≥ 800	13.6	67.7	76.1	81.3	85.8	87.7	90.3	91.6	91.6	94.8	94.8	94.8
≥ 700	13.6	67.7	76.1	81.9	86.5	88.4	91.0	92.3	92.3	95.5	96.1	96.1
≥ 600	13.6	67.7	76.1	82.6	87.1	89.0	91.6	93.6	93.6	96.8	97.4	97.4
≥ 500	13.6	68.4	76.8	83.2	87.7	89.7	92.3	94.2	94.2	97.4	98.1	98.1
≥ 400	13.6	68.4	76.8	83.2	87.7	89.7	92.3	94.2	94.2	97.4	98.1	98.1
≥ 300	13.6	68.4	76.8	83.2	87.7	89.7	92.3	94.2	94.2	97.4	98.1	98.1
≥ 200	13.6	68.4	76.8	83.2	87.7	89.7	92.3	94.2	94.2	97.4	98.1	98.1
≥ 100	13.6	68.4	76.8	83.2	87.7	89.7	92.3	94.8	94.8	98.1	98.7	98.7
0	13.6	68.4	76.8	83.2	87.7	89.7	92.3	94.8	94.8	98.1	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	5.8	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 20000	6.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 18000	7.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 16000	7.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 14000	7.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 12000	7.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 10000	8.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 9000	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 8000	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 7000	10.3	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 6000	10.3	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 5000	11.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 4500	12.3	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 4000	12.9	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 3500	14.2	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 3000	19.4	36.8	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 2500	21.3	46.5	50.3	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 2000	22.6	55.5	60.7	61.9	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1800	22.6	59.4	66.5	68.4	71.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1500	23.2	63.2	71.0	73.6	78.1	78.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	23.2	63.2	71.6	74.2	78.7	79.4	81.9	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1000	23.2	63.9	73.6	76.8	82.6	83.9	87.7	88.4	89.0	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	23.2	64.5	74.2	77.4	83.9	85.2	89.0	89.7	90.3	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	23.2	64.5	74.2	77.4	83.9	85.8	90.3	91.0	91.6	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	23.2	65.2	74.8	78.1	84.5	86.5	91.6	92.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	23.2	65.2	74.8	78.1	84.5	86.5	91.6	92.3	92.9	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	23.2	65.8	76.1	79.4	85.8	87.7	92.9	93.6	94.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	23.2	65.8	76.1	79.4	85.8	87.7	92.9	93.6	94.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	23.2	65.8	76.1	79.4	85.8	87.7	92.9	93.6	94.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	23.2	65.8	76.1	79.4	85.8	87.7	92.9	93.6	94.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	23.2	65.8	76.1	79.4	85.8	87.7	92.9	93.6	94.2	97.4	97.4	97.4	97.4	97.4	97.4
0	23.2	65.8	76.1	79.4	85.8	87.7	92.9	93.6	94.2	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25704 STATION ADAR, ALASKA STATION NAME 73-77 YEARS MONTH MAR 1957 HOURS 12 P.M. (S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 20000	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
18000	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
16000	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
14000	5.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
12000	5.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
10000	7.7	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
9000	7.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
8000	9.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
7000	11.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
6000	11.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
5000	11.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
4500	12.3	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
4000	14.2	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
3500	16.8	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
3000	22.6	38.1	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2500	25.2	51.0	52.3	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
2000	26.5	58.1	60.0	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
1800	26.5	59.4	61.9	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1500	26.5	63.9	69.0	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
1200	26.5	63.9	69.0	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
1000	26.5	67.7	72.9	81.3	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
900	26.5	67.7	73.6	81.9	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
800	26.5	69.0	74.8	83.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
700	26.5	69.0	74.8	83.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
600	26.5	69.0	74.8	83.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
500	26.5	69.0	74.8	83.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
400	26.5	69.0	74.8	83.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
300	26.5	69.0	74.8	83.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
200	26.5	69.0	74.8	83.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
100	26.5	69.0	74.8	83.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0	26.5	69.0	74.8	83.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 20000	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 18000	7.7	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 16000	7.7	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 14000	7.7	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 12000	7.7	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 10000	8.4	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 9000	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 8000	11.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 7000	11.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 6000	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 5000	12.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 4500	12.9	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 4000	14.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 3500	16.8	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	23.2	23.2	23.2	23.2	23.2
≥ 3000	22.6	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	38.1	38.1	38.1	38.1	38.1
≥ 2500	27.7	49.7	50.3	51.6	51.6	52.3	52.3	52.3	52.3	54.2	54.2	54.2	54.2	54.2
≥ 2000	29.0	57.4	58.7	61.3	61.9	62.6	63.2	63.2	63.2	65.2	65.2	65.2	65.2	65.2
≥ 1800	29.0	58.1	60.0	63.9	65.2	65.8	66.5	66.5	66.5	68.4	68.4	68.4	68.4	68.4
≥ 1500	29.7	64.5	66.5	72.3	74.8	75.5	76.8	76.8	76.8	78.7	78.7	78.7	78.7	78.7
≥ 1200	29.7	65.8	68.4	74.2	76.8	78.1	79.4	80.0	80.0	81.9	81.9	81.9	81.9	81.9
≥ 1000	29.7	69.0	72.9	80.7	84.5	87.1	89.0	89.7	89.7	91.6	91.6	91.6	91.6	91.6
≥ 900	29.7	69.7	73.6	81.9	85.8	89.0	91.0	92.3	92.3	94.2	94.2	94.2	94.2	94.2
≥ 800	29.7	70.3	74.2	82.6	86.5	89.7	91.6	92.9	92.9	94.8	94.8	94.8	94.8	94.8
≥ 700	29.7	71.0	74.8	83.9	87.7	91.0	92.9	94.2	94.2	96.1	96.1	96.1	96.1	96.1
≥ 600	29.7	71.0	74.8	83.9	87.7	91.0	92.9	94.2	94.2	96.1	96.1	96.1	96.1	96.1
≥ 500	29.7	71.0	74.8	83.9	87.7	91.0	92.9	94.2	94.2	96.1	96.1	96.1	96.1	96.1
≥ 400	29.7	71.0	74.8	83.9	87.7	91.0	92.9	94.2	94.2	96.1	96.1	96.1	96.1	96.1
≥ 300	29.7	71.0	74.8	83.9	87.7	91.0	92.9	94.2	94.2	96.1	96.1	96.1	96.1	96.1
≥ 200	29.7	71.0	74.8	83.9	87.7	91.0	92.9	94.2	94.2	96.1	96.1	96.1	96.1	96.1
≥ 100	29.7	71.0	74.8	83.9	87.7	91.0	92.9	94.2	94.2	96.1	96.1	96.1	96.1	96.1
0	29.7	71.0	74.8	83.9	87.7	91.0	92.9	94.2	94.2	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

135

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MAR
MONTH

19
HOURS (L.S.T.)

433

MMHH

5703 CEILING VERSUS VISIBILITY JAN 68

MMHH

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	1.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 20000	1.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 18000	3.2	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 16000	3.2	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 14000	3.2	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 12000	3.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 10000	5.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 9000	5.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 8000	6.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 7000	9.7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 6000	10.3	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 5000	10.3	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 4500	11.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 4000	13.6	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 3500	15.5	25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 3000	19.4	38.1	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 2500	20.7	47.7	51.0	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 2000	22.6	53.6	57.4	59.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 1800	22.6	54.2	59.4	61.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1500	22.6	59.4	66.5	71.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1200	22.6	60.0	67.1	74.2	77.4	78.1	79.4	80.0	81.9	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1000	22.6	61.3	68.4	77.4	81.9	82.6	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900	22.6	61.3	68.4	78.1	82.6	83.2	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	22.6	61.9	69.0	78.7	83.2	85.2	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700	22.6	62.6	69.7	79.4	83.9	85.8	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	22.6	62.6	69.7	79.4	83.9	85.8	89.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 500	22.6	62.6	69.7	79.4	84.5	86.5	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 400	22.6	62.6	69.7	79.4	84.5	86.5	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	22.6	62.6	69.7	79.4	84.5	86.5	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 200	22.6	62.6	69.7	79.4	84.5	86.5	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 100	22.6	62.6	69.7	79.4	84.5	86.5	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
0	22.6	62.6	69.7	79.4	84.5	86.5	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS

153

NAVWEASERVCOM

AD-A060 609

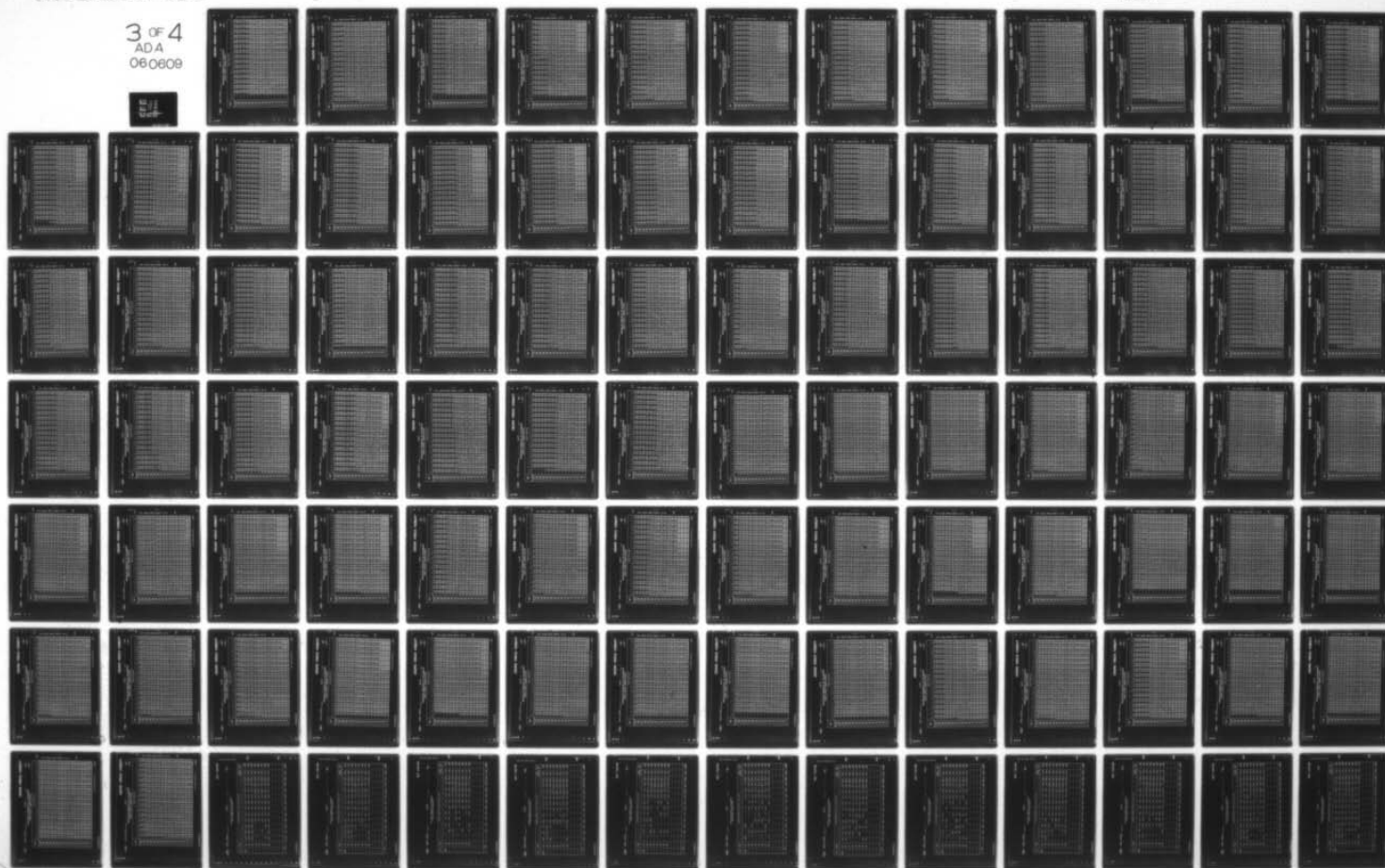
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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), ADAK, A--ETC(U)
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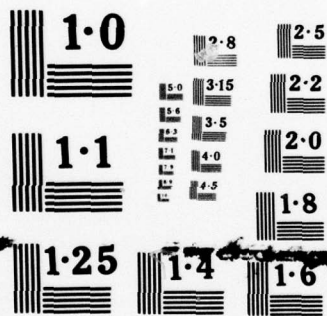
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NATIONAL BUREAU OF STANDARDS
MICROCOPY RESOLUTION TEST CHART

CEILING VERSUS VISIBILITY

25704 STATION ADAK, ALASKA 73-77 YEARS MAR MONTH 22 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
18000	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
16000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
14000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
12000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
10000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
9000	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
8000	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
7000	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
6000	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
5000	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
4500	14.2	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
4000	16.8	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
3500	20.7	21.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
3000	32.3	33.6	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
2500	45.8	51.0	51.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
2000	54.8	60.7	63.2	64.5	64.5	64.5	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2
1800	56.8	63.9	66.5	67.7	67.7	67.7	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7
1500	61.3	69.0	74.2	76.1	76.1	76.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7
1200	64.5	72.3	79.4	81.9	81.9	81.9	84.5	84.5	84.5	85.8	86.5	86.5	86.5	86.5	86.5
1000	65.8	73.6	81.9	85.2	85.2	85.2	88.4	89.0	89.0	90.3	91.0	91.0	91.6	91.6	91.6
900	66.5	74.2	82.6	85.8	85.8	85.8	89.0	89.7	89.7	91.0	91.6	91.6	92.3	92.3	92.3
800	67.1	75.5	85.2	88.4	88.4	88.4	91.6	92.3	92.3	94.2	94.8	94.8	95.5	95.5	95.5
700	67.7	76.1	85.8	89.7	89.7	89.7	92.9	94.2	94.2	96.1	96.8	96.8	97.4	97.4	97.4
600	67.7	76.1	85.8	89.7	89.7	89.7	93.6	94.8	94.8	97.4	98.1	98.1	98.7	98.7	98.7
500	67.7	76.1	85.8	89.7	89.7	89.7	93.6	94.8	94.8	97.4	98.1	98.1	98.7	98.7	98.7
400	67.7	76.1	85.8	89.7	89.7	89.7	93.6	94.8	94.8	97.4	98.1	98.1	98.7	98.7	98.7
300	67.7	76.1	85.8	89.7	89.7	89.7	93.6	95.5	95.5	98.1	98.7	98.7	99.4	99.4	99.4
200	67.7	76.1	85.8	89.7	89.7	89.7	93.6	95.5	95.5	98.1	98.7	98.7	99.4	99.4	99.4
100	67.7	76.1	85.8	89.7	89.7	89.7	93.6	95.5	95.5	98.1	98.7	98.7	99.4	99.4	99.4
0	67.7	76.1	85.8	89.7	89.7	89.7	93.6	95.5	95.5	98.1	98.7	98.7	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

7-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST.)

431

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000	2.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
18000	2.7	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
16000	3.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
14000	3.3	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
12000	3.4	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
10000	3.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
9000	4.1	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
8000	4.4	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
7000	5.1	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
6000	6.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
5000	6.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
4500	6.5	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
4000	7.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
3500	7.8	17.7	17.7	18.0	18.1	18.1	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2
3000	9.0	22.3	22.8	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
2500	11.8	34.9	36.1	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
2000	13.4	46.4	49.6	50.7	51.1	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
1800	14.3	55.3	59.8	62.5	63.8	64.0	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
1500	14.3	56.7	62.0	65.4	67.0	67.3	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
1200	14.4	61.1	67.7	72.7	75.0	75.5	76.9	77.2	77.2	78.2	78.5	78.5	78.5	78.5	78.5
1000	14.4	62.6	69.7	75.8	78.5	79.3	81.0	81.5	81.5	82.7	83.2	83.2	83.2	83.2	83.2
900	14.4	64.4	72.3	79.9	83.6	84.8	87.6	88.5	88.6	90.0	90.4	90.4	90.4	90.4	90.4
800	14.4	64.9	72.9	80.7	84.5	85.8	88.6	89.6	89.7	91.3	91.7	91.7	91.7	91.7	91.7
700	14.4	65.9	74.0	82.1	86.1	87.7	90.8	91.9	91.9	93.6	94.0	94.0	94.0	94.0	94.0
600	14.4	66.2	74.4	82.9	86.9	88.6	92.0	93.2	93.2	95.0	95.4	95.4	95.4	95.4	95.4
500	14.4	66.2	74.4	83.0	87.1	88.7	92.4	93.9	94.1	96.2	96.6	96.6	96.6	96.6	96.6
400	14.4	66.5	74.7	83.3	87.5	89.1	92.9	94.4	94.6	97.1	97.7	97.7	97.7	97.7	97.7
300	14.4	66.5	74.7	83.3	87.6	89.2	93.1	94.5	94.8	97.3	97.9	97.9	97.9	97.9	97.9
200	14.4	66.5	74.7	83.3	87.6	89.2	93.1	94.6	94.8	97.4	98.1	98.1	98.1	98.1	98.1
100	14.4	66.5	74.7	83.3	87.6	89.2	93.1	94.7	94.9	97.5	98.2	98.2	98.2	98.2	98.2
0	14.4	66.5	74.7	83.3	87.6	89.2	93.1	94.7	94.9	97.5	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS

1240

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704 STATION ADAK, ALASKA 73-77 YEARS MONTH APR 01 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 20000		8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 18000		8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 16000		8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 14000		8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 12000		8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 10000		8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 9000		8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 8000		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 7000		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 6000		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 5000		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 4500		11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 4000		14.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 3500		20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 3000		33.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 2500		45.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2000		58.7	65.3	68.0	69.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0
≥ 1800		62.0	69.3	72.0	73.3	74.0	74.0	74.7	74.7	74.7	74.7	74.7
≥ 1500		67.3	74.7	79.3	80.7	81.3	81.3	82.7	82.7	82.7	82.7	82.7
≥ 1200		68.0	76.0	81.3	83.3	84.7	84.7	86.0	86.0	86.0	86.0	86.0
≥ 1000		68.7	78.7	84.7	87.3	90.0	90.0	91.3	91.3	91.3	92.0	92.0
≥ 900		70.0	80.0	86.0	88.7	92.0	92.0	93.3	93.3	93.3	94.0	94.0
≥ 800		70.0	80.7	86.7	90.0	93.3	94.0	96.0	96.0	96.0	96.7	96.7
≥ 700		70.0	80.7	87.3	90.7	94.0	95.3	97.3	97.3	97.3	98.0	98.0
≥ 600		70.0	80.7	87.3	92.0	95.3	96.7	98.7	98.7	98.7	99.3	99.3
≥ 500		70.0	80.7	87.3	92.0	95.3	96.7	98.7	98.7	98.7	99.3	99.3
≥ 400		70.7	81.3	88.0	92.7	96.0	97.3	99.3	99.3	99.3	99.3	99.3
≥ 300		70.7	81.3	88.0	92.7	96.0	97.3	99.3	99.3	99.3	99.3	99.3
≥ 200		70.7	81.3	88.0	92.7	96.0	97.3	99.3	99.3	99.3	99.3	99.3
≥ 100		70.7	81.3	88.0	92.7	96.0	97.3	99.3	99.3	99.3	99.3	99.3
0		70.7	81.3	88.0	92.7	96.0	97.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

23704
STATION

ADAK, ALASKA

73-77

STATION NAME

YEARS

APR
MONTH

04
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 20000		7.3	7.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 18000		8.0	8.0	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 16000		8.7	8.7	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 14000		8.7	8.7	9.3	9.3	9.3	9.3	9.3	9.3	10.0	10.0	10.0
≥ 12000		8.7	8.7	9.3	9.3	9.3	9.3	9.3	9.3	10.0	10.0	10.0
≥ 10000		8.7	8.7	9.3	9.3	9.3	9.3	9.3	9.3	10.0	10.0	10.0
≥ 9000		8.7	8.7	9.3	9.3	9.3	9.3	9.3	9.3	10.0	10.0	10.0
≥ 8000		8.7	8.7	9.3	9.3	9.3	9.3	9.3	9.3	10.0	10.0	10.0
≥ 7000		10.0	10.0	10.7	10.7	10.7	10.7	10.7	10.7	11.3	11.3	11.3
≥ 6000		10.0	10.0	10.7	10.7	10.7	10.7	10.7	10.7	11.3	11.3	11.3
≥ 5000		10.7	10.7	11.3	11.3	11.3	11.3	11.3	11.3	12.0	12.0	12.0
≥ 4500		10.7	10.7	11.3	11.3	11.3	11.3	11.3	11.3	12.0	12.0	12.0
≥ 4000		11.3	11.3	12.0	12.0	12.0	12.0	12.0	12.0	12.7	12.7	12.7
≥ 3500		17.3	18.0	18.7	18.7	18.7	18.7	18.7	18.7	19.3	19.3	19.3
≥ 3000		28.7	30.0	30.7	30.7	30.7	30.7	30.7	30.7	31.3	31.3	31.3
≥ 2500		46.7	50.0	52.7	52.7	52.7	52.7	52.7	52.7	53.3	53.3	53.3
≥ 2000		60.7	65.3	68.0	68.0	68.0	68.0	68.0	68.0	68.7	68.7	68.7
≥ 1800		63.3	68.7	71.3	71.3	71.3	71.3	71.3	71.3	72.0	72.0	72.0
≥ 1500		68.0	76.7	80.0	82.0	82.0	82.0	82.0	82.0	84.7	84.7	84.7
≥ 1200		68.7	77.3	80.7	83.3	84.0	84.7	84.7	84.7	88.0	88.0	88.0
≥ 1000		70.0	79.3	83.3	86.0	86.7	88.7	88.7	88.7	92.0	92.0	92.0
≥ 900		70.7	80.0	84.0	86.7	87.3	89.3	89.3	89.3	92.7	92.7	92.7
≥ 800		71.3	80.7	84.7	88.0	88.7	90.7	90.7	90.7	94.7	94.7	94.7
≥ 700		72.0	81.3	86.7	90.0	90.7	93.3	93.3	93.3	97.3	97.3	97.3
≥ 600		72.0	81.3	86.7	90.0	90.7	94.0	94.7	94.7	98.7	99.3	99.3
≥ 500		72.7	82.0	87.3	90.7	91.3	94.7	95.3	95.3	99.3	100.0	100.0
≥ 400		72.7	82.0	87.3	90.7	91.3	94.7	95.3	95.3	99.3	100.0	100.0
≥ 300		72.7	82.0	87.3	90.7	91.3	94.7	95.3	95.3	99.3	100.0	100.0
≥ 200		72.7	82.0	87.3	90.7	91.3	94.7	95.3	95.3	99.3	100.0	100.0
≥ 100		72.7	82.0	87.3	90.7	91.3	94.7	95.3	95.3	99.3	100.0	100.0
≥ 0		72.7	82.0	87.3	90.7	91.3	94.7	95.3	95.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

APR
MONTH

07
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		5.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 20000		5.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 18000	AI AI	5.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 16000	AI AI	5.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 14000	AI AI	5.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 12000	AI AI	5.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 10000	AI AI	5.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 9000	AI AI	5.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 8000	AI AI	5.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 7000	AI AI	7.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 6000	AI AI	7.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 5000	AI AI	8.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 4500	AI AI	8.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 4000	AI AI	10.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 3500	AI AI	15.3	27.3	28.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 3000	AI AI	16.0	30.7	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 2500	AI AI	20.0	44.7	46.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 2000	AI AI	23.3	60.0	63.3	66.7	66.7	67.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 1800	AI AI	24.0	61.3	64.7	68.7	68.7	69.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1500	AI AI	24.7	66.7	72.0	78.7	80.0	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	AI AI	24.7	68.0	73.3	80.0	82.7	84.0	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1000	AI AI	25.3	71.3	77.3	85.3	88.7	90.0	91.3	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	AI AI	25.3	72.0	78.0	86.7	90.0	91.3	92.7	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	AI AI	25.3	72.0	78.0	86.7	90.0	91.3	92.7	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	AI AI	25.3	72.0	78.0	86.7	90.0	91.3	92.7	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	AI AI	25.3	72.7	78.7	87.3	90.7	92.0	93.3	95.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	AI AI	25.3	72.7	78.7	87.3	90.7	92.0	93.3	95.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	AI AI	25.3	72.7	78.7	87.3	90.7	92.0	93.3	95.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	AI AI	25.3	72.7	78.7	87.3	90.7	92.0	93.3	95.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	AI AI	25.3	72.7	78.7	87.3	90.7	92.0	93.3	95.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	AI AI	25.3	72.7	78.7	87.3	90.7	92.0	93.3	95.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 0	AI AI	25.3	72.7	78.7	87.3	90.7	92.0	93.3	95.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

STATION 24704 ADAK, ALASKA STATION NAME 73-77 YEARS PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) MONTH APR 19 HOURS (S. T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	3.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 20000	3.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 18000	4.7	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 16000	4.7	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 14000	4.7	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 12000	4.7	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 10000	4.7	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 9000	4.7	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 8000	6.0	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 7000	8.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 6000	9.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥ 5000	10.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 4500	12.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 4000	13.3	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 3500	19.3	26.7	26.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 3000	22.7	32.0	33.3	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 2500	25.3	44.7	46.0	47.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 2000	28.7	58.0	60.7	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 1800	28.7	60.0	63.3	65.3	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 1500	30.0	67.3	72.7	74.7	79.3	80.0	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3
≥ 1200	30.0	70.7	77.3	79.3	84.0	85.3	86.0	86.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7
≥ 1000	30.0	71.3	78.7	81.3	86.7	88.0	88.7	89.3	89.3	90.7	91.3	91.3	91.3	91.3	91.3
≥ 900	30.0	71.3	78.7	81.3	86.7	88.0	88.7	89.3	89.3	90.7	91.3	91.3	91.3	91.3	91.3
≥ 800	30.0	72.0	79.3	82.7	88.0	90.7	91.3	92.7	92.7	94.0	94.7	94.7	94.7	94.7	94.7
≥ 700	30.0	72.0	79.3	82.7	88.0	90.7	92.0	93.3	93.3	94.7	95.3	95.3	95.3	95.3	95.3
≥ 600	30.0	72.0	79.3	82.7	88.7	91.3	94.7	96.0	96.0	97.3	98.0	98.0	98.0	98.0	98.0
≥ 500	30.0	72.0	79.3	82.7	88.7	91.3	94.7	96.7	96.7	98.7	100.0	100.0	100.0	100.0	100.0
≥ 400	30.0	72.0	79.3	82.7	88.7	91.3	94.7	96.7	96.7	98.7	100.0	100.0	100.0	100.0	100.0
≥ 300	30.0	72.0	79.3	82.7	88.7	91.3	94.7	96.7	96.7	98.7	100.0	100.0	100.0	100.0	100.0
≥ 200	30.0	72.0	79.3	82.7	88.7	91.3	94.7	96.7	96.7	98.7	100.0	100.0	100.0	100.0	100.0
≥ 100	30.0	72.0	79.3	82.7	88.7	91.3	94.7	96.7	96.7	98.7	100.0	100.0	100.0	100.0	100.0
≥ 0	30.0	72.0	79.3	82.7	88.7	91.3	94.7	96.7	96.7	98.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

35704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

APR

MONTH

12

HOURS (S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	4.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 20000	4.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 18000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 16000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 14000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 12000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 10000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 9000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 8000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 7000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 6000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 5000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 4500	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 4000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 3500	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 3000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 2500	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 2000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 1800	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 1500	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 1200	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 1000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 900	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 800	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 700	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 600	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 500	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 400	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 300	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 200	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 100	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 0	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 150

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

2570A
STATION

ADAK, ALASKA

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

APR
MONTH

16
HOURS (P. T.)

425

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

RRD

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
At 20000	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
At 18000	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
At 16000	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
At 14000	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
At 12000	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
At 10000	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
At 9000	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
At 8000	9.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
At 7000	10.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
At 6000	10.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
At 5000	11.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
At 4500	13.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
At 4000	14.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
At 3500	20.0	22.7	22.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
At 3000	24.0	28.7	28.7	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
At 2500	28.0	42.7	44.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
At 2000	28.0	52.7	55.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
At 1800	29.3	56.0	58.7	66.7	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3
At 1500	30.7	65.3	68.7	78.7	80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0
At 1200	30.7	66.7	70.7	80.7	83.3	84.0	84.7	84.7	84.7	85.3	85.3	85.3	85.3
At 1000	30.7	69.3	73.3	85.3	88.7	90.7	92.0	92.0	92.0	94.0	94.0	94.0	94.0
At 900	30.7	70.7	74.7	86.7	90.0	92.0	93.3	93.3	93.3	95.3	95.3	95.3	95.3
At 800	30.7	71.3	75.3	87.3	91.3	93.3	94.7	95.3	96.0	98.7	98.7	98.7	98.7
At 700	30.7	71.3	75.3	87.3	91.3	93.3	94.7	95.3	96.0	98.7	98.7	98.7	98.7
At 600	30.7	71.3	75.3	87.3	91.3	93.3	94.7	95.3	96.0	98.7	98.7	98.7	98.7
At 500	30.7	71.3	75.3	87.3	91.3	93.3	94.7	95.3	96.0	98.7	98.7	98.7	98.7
At 400	30.7	71.3	75.3	87.3	91.3	93.3	94.7	95.3	96.0	98.7	98.7	98.7	98.7
At 300	30.7	71.3	75.3	87.3	91.3	93.3	94.7	95.3	96.0	98.7	98.7	98.7	98.7
At 200	30.7	71.3	75.3	87.3	91.3	93.3	94.7	95.3	96.0	98.7	98.7	98.7	98.7
At 100	30.7	71.3	75.3	87.3	91.3	93.3	94.7	95.3	96.0	98.7	98.7	98.7	98.7
0	30.7	71.3	75.3	87.3	91.3	93.3	94.7	95.3	96.0	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 20000		4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
AI 18000		4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
AI 16000		4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
AI 14000		4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
AI 12000		4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
AI 10000		4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
AI 9000		4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
AI 8000		7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
AI 7000		10.0	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
AI 6000		10.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
AI 5000		10.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
AI 4500		10.7	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
AI 4000		12.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
AI 3500		20.0	26.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
AI 3000		24.0	35.3	35.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
AI 2500		28.7	48.7	50.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
AI 2000		28.7	62.7	64.0	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
AI 1800		28.7	65.3	66.7	70.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
AI 1500		29.3	72.0	74.0	82.0	83.3	84.0	84.7	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0
AI 1200		29.3	72.7	74.7	83.3	84.7	86.0	86.7	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0
AI 1000		29.3	72.7	74.7	84.7	86.0	87.3	88.0	89.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3
AI 900		29.3	72.7	74.7	85.3	86.7	88.0	88.7	90.0	90.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 800		29.3	72.7	74.7	86.0	87.3	88.7	89.3	92.0	93.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 700		29.3	72.7	74.7	86.0	87.3	88.7	89.3	92.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 600		29.3	72.7	74.7	86.0	87.3	88.7	89.3	92.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 500		29.3	73.3	75.3	86.7	88.0	89.3	92.7	94.7	94.7	97.3	97.3	97.3	97.3	98.0	98.0
AI 400		29.3	73.3	75.3	86.7	88.0	89.3	93.3	95.3	95.3	98.7	98.7	98.7	98.7	99.3	99.3
AI 300		29.3	73.3	75.3	86.7	88.0	89.3	93.3	96.0	96.0	98.7	99.3	99.3	99.3	100.0	100.0
AI 200		29.3	73.3	75.3	86.7	88.0	89.3	93.3	96.0	96.0	98.7	99.3	99.3	99.3	100.0	100.0
AI 100		29.3	73.3	75.3	86.7	88.0	89.3	93.3	96.0	96.0	98.7	99.3	99.3	99.3	100.0	100.0
AI 0		29.3	73.3	75.3	86.7	88.0	89.3	93.3	96.0	96.0	98.7	99.3	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAYWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

APR
MONTH

22
HOURS (C.S.T.)

423

NNNN

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING		7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 20000		7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
18000		8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
16000		8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
14000		8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
12000		8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
10000		8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
9000		8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
8000		9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
7000		10.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
6000		10.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
5000		10.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
4500		12.0	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
4000		13.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
3500		21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
3000		30.0	30.7	30.7	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
2500		43.3	44.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
2000		63.3	66.0	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
1800		64.7	68.0	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1500		68.0	72.0	78.7	80.0	80.0	80.7	81.3	81.3	82.0	82.7	82.7
1200		70.7	76.0	83.3	86.0	86.0	86.7	88.0	88.0	88.7	89.3	89.3
1000		70.7	76.7	86.7	89.3	89.3	90.7	92.0	92.0	92.7	93.3	93.3
900		70.7	76.7	87.3	90.0	90.0	91.3	92.7	92.7	93.3	94.0	94.0
800		71.3	78.0	88.7	91.3	91.3	92.7	94.0	94.0	94.7	95.3	95.3
700		71.3	78.0	88.7	92.0	92.0	94.0	95.3	95.3	96.0	96.7	96.7
600		71.3	78.0	88.7	92.7	92.7	94.7	96.0	96.0	96.7	97.3	97.3
500		71.3	78.0	88.7	92.7	92.7	95.3	96.7	96.7	98.0	98.7	98.7
400		71.3	78.0	88.7	92.7	92.7	96.0	97.3	97.3	98.7	99.3	99.3
300		71.3	78.0	88.7	92.7	92.7	96.0	97.3	97.3	98.7	99.3	99.3
200		71.3	78.0	88.7	92.7	92.7	96.0	98.0	98.0	99.3	100.0	100.0
100		71.3	78.0	88.7	92.7	92.7	96.0	98.0	98.0	99.3	100.0	100.0
0		71.3	78.0	88.7	92.7	92.7	96.0	98.0	98.0	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

23704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.1	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 20000	3.2	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 18000	3.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 16000	3.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 14000	3.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 12000	3.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 10000	3.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 9000	3.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 8000	4.3	8.9	8.9	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
≥ 7000	5.3	10.7	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
≥ 6000	5.6	11.0	11.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 5000	6.0	11.7	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥ 4500	6.8	13.3	13.4	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 4000	7.7	15.1	15.3	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 3500	11.8	23.5	23.8	24.3	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 3000	13.7	31.3	32.0	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 2500	16.2	44.7	46.7	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 2000	17.5	58.7	62.0	65.2	65.7	65.8	65.9	66.1	66.1	66.3	66.3	66.3	66.3	66.3
≥ 1800	17.8	61.0	64.8	68.5	69.1	69.3	69.5	69.8	69.8	70.0	70.1	70.1	70.1	70.1
≥ 1500	18.4	67.5	72.7	78.6	80.6	81.0	81.5	81.9	81.9	82.4	82.6	82.6	82.6	82.6
≥ 1200	18.4	69.0	74.8	81.1	83.7	84.5	85.0	85.5	85.5	86.3	86.4	86.4	86.4	86.4
≥ 1000	18.5	70.3	76.6	84.3	87.4	88.7	89.8	90.5	90.5	91.8	92.0	92.1	92.2	92.2
≥ 900	18.5	70.8	77.2	85.2	88.3	89.7	90.8	91.6	91.6	92.9	93.1	93.2	93.3	93.3
≥ 800	18.5	71.2	77.8	86.1	89.7	91.3	92.8	93.9	94.1	95.8	95.9	96.0	96.1	96.1
≥ 700	18.5	71.3	77.8	86.4	90.1	91.7	93.6	94.8	94.9	96.6	96.8	96.9	97.0	97.1
≥ 600	18.5	71.3	77.9	86.5	90.5	92.1	94.3	95.8	95.9	97.8	98.1	98.2	98.3	98.3
≥ 500	18.5	71.5	78.1	86.8	90.8	92.3	94.8	96.3	96.5	98.6	99.0	99.1	99.3	99.3
≥ 400	18.5	71.6	78.2	86.8	90.8	92.4	95.0	96.6	96.8	98.9	99.3	99.4	99.6	99.7
≥ 300	18.5	71.6	78.2	86.8	90.8	92.4	95.0	96.7	96.8	98.9	99.5	99.6	99.8	99.8
≥ 200	18.5	71.6	78.2	86.8	90.8	92.4	95.0	96.8	96.9	99.0	99.6	99.7	99.8	99.9
≥ 100	18.5	71.6	78.2	86.8	90.8	92.4	95.0	96.8	96.9	99.0	99.6	99.7	99.8	99.9
0	18.5	71.6	78.2	86.8	90.8	92.4	95.0	96.8	96.9	99.0	99.6	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 1200

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)01
HOURS (C.S.T.)

421

HHHH

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

HHH

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 20000		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
18000		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
16000		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
14000		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12000		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
10000		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
9000		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
8000		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
7000		5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
6000		7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
5000		7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
4500		8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
4000		10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
3500		16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
3000		24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
2500		37.4	38.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
2000		56.1	58.1	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
1800		58.7	61.9	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1500		67.7	72.9	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
1200		72.3	78.1	87.1	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1000		72.9	80.0	91.0	94.8	96.1	96.1	96.1	96.1	96.8	96.8	96.8	96.8
900		74.2	81.3	92.3	96.1	97.4	98.1	98.1	98.1	98.7	98.7	98.7	98.7
800		74.2	81.3	92.3	96.1	97.4	98.1	98.1	98.1	98.7	98.7	98.7	98.7
700		74.8	81.9	92.9	96.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4
600		74.8	81.9	92.9	96.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4
500		75.5	82.6	93.6	97.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0
400		75.5	82.6	93.6	97.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0
300		75.5	82.6	93.6	97.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0
200		75.5	82.6	93.6	97.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0
100		75.5	82.6	93.6	97.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0
0		75.5	82.6	93.6	97.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	≥ 20000	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
	≥ 18000	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
	≥ 16000	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
	≥ 14000	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 12000	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 10000	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 9000	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 8000	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 7000	7	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 6000	7	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 5000	7	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 4500	1.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 4000	1.3	10.3	10.3	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 3500	1.3	14.2	14.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 3000	2.6	25.2	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 2500	3.2	41.9	42.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 2000	3.9	60.7	62.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1800	3.9	65.2	67.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1500	3.9	72.9	77.4	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	3.9	76.8	82.6	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	3.9	78.7	87.1	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	3.9	79.4	87.7	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	3.9	79.4	87.7	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	3.9	80.0	89.0	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	3.9	80.0	89.7	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	3.9	80.0	89.7	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	3.9	80.0	89.7	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	3.9	80.0	89.7	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	3.9	80.0	89.7	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	3.9	80.0	89.7	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0	3.9	80.0	89.7	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

24704
STATION

ADAK, ALASKA

73-77

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAY
MONTH

07
HOURS (L.S.T.)

419

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	1.3	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 20000	1.3	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
18000	2.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
16000	2.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
14000	2.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
12000	2.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
10000	3.2	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
9000	3.2	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
8000	3.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
7000	5.2	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6000	5.2	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
5000	7.7	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
4500	7.7	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
4000	11.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
3500	16.1	22.6	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
3000	17.4	26.5	26.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
2500	20.7	36.8	38.7	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
2000	25.2	56.8	60.0	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
1800	25.8	59.4	64.5	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
1500	27.1	70.3	80.0	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
1200	27.1	74.2	84.5	88.4	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1000	27.7	77.4	88.4	92.9	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
900	27.7	78.1	89.0	94.8	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
800	27.7	78.7	90.3	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700	27.7	78.7	90.3	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	27.7	78.7	90.3	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	27.7	78.7	90.3	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	27.7	78.7	90.3	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	27.7	78.7	90.3	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	27.7	78.7	90.3	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	27.7	78.7	90.3	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	27.7	78.7	90.3	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

STATION 24704 ADAK, ALASKA STATION NAME 73-77 YEARS MAY MONTH 10 HOURS (P.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
≥ 20000	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
≥ 18000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 16000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 14000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 12000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 10000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 9000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 8000	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
≥ 7000	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 6000	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 5000	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 4500	3.2	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 4000	3.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 3500	7.1	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 3000	13.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 2500	18.7	39.4	40.0	40.0	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 2000	23.9	58.1	58.7	59.4	60.7	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1800	27.1	64.5	67.1	68.4	69.7	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1500	30.3	76.1	80.7	82.6	84.5	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	30.3	77.4	81.9	83.9	85.8	86.5	88.4	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	30.3	79.4	85.2	87.1	89.0	90.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	31.0	80.7	87.1	89.7	91.6	93.6	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	31.0	80.7	87.1	90.3	92.3	94.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	31.0	80.7	87.1	90.3	92.3	94.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	31.0	80.7	87.1	90.3	92.3	94.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	31.0	80.7	87.1	91.0	92.9	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	31.0	80.7	87.1	91.0	93.6	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	31.0	80.7	87.1	91.0	93.6	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	31.0	80.7	87.1	91.0	93.6	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	31.0	80.7	87.1	91.0	93.6	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
0	31.0	80.7	87.1	91.0	93.6	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

2570A STATION ADAK, ALASKA 73-77 YEARS MAY MONTH 13 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 20000	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 18000	3.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 16000	3.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 14000	3.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 12000	3.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 10000	3.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 9000	3.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 8000	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 7000	5.2	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 6000	5.2	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 5000	5.8	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 4500	7.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 4000	7.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 3500	13.6	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 3000	17.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 2500	23.2	40.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 2000	32.9	60.7	62.6	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 1800	34.2	66.5	69.0	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1500	36.8	74.2	78.1	81.9	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	34.8	74.8	81.9	86.5	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	35.5	78.7	87.7	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	35.5	78.7	87.7	92.3	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	35.5	79.4	90.3	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	35.5	79.4	90.3	95.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	35.5	79.4	90.3	95.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	35.5	79.4	90.3	95.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	35.5	79.4	90.3	95.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	35.5	79.4	90.3	95.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	35.5	79.4	90.3	95.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	35.5	79.4	90.3	95.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	35.5	79.4	90.3	95.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

STATION 21704 ADAK, ALASKA STATION NAME 73-77 YEARS MAY MONTH 14 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 20000	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 18000	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 16000	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 14000	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 12000	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 10000	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 9000	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 8000	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 7000	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 6000	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 5000	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 4500	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 4000	12.9	17.4	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 3500	20.0	31.0	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 3000	27.1	42.6	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 2500	32.3	58.7	62.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2000	34.2	66.5	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1800	36.8	74.2	81.3	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	36.8	76.8	85.2	89.0	89.7	90.3	91.0	91.0	91.0	91.0	91.0
≥ 1200	37.4	80.7	89.7	94.8	95.5	96.1	96.8	96.8	96.8	96.8	96.8
≥ 1000	38.1	81.3	90.3	95.5	96.1	96.8	98.1	98.1	98.1	98.1	98.1
≥ 900	38.1	81.9	91.6	97.4	98.1	98.7	100.0	100.0	100.0	100.0	100.0
≥ 800	38.1	81.9	91.6	97.4	98.1	98.7	100.0	100.0	100.0	100.0	100.0
≥ 700	38.1	81.9	91.6	97.4	98.1	98.7	100.0	100.0	100.0	100.0	100.0
≥ 600	38.1	81.9	91.6	97.4	98.1	98.7	100.0	100.0	100.0	100.0	100.0
≥ 500	38.1	81.9	91.6	97.4	98.1	98.7	100.0	100.0	100.0	100.0	100.0
≥ 400	38.1	81.9	91.6	97.4	98.1	98.7	100.0	100.0	100.0	100.0	100.0
≥ 300	38.1	81.9	91.6	97.4	98.1	98.7	100.0	100.0	100.0	100.0	100.0
≥ 200	38.1	81.9	91.6	97.4	98.1	98.7	100.0	100.0	100.0	100.0	100.0
≥ 100	38.1	81.9	91.6	97.4	98.1	98.7	100.0	100.0	100.0	100.0	100.0
0	38.1	81.9	91.6	97.4	98.1	98.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

35704 STATION
 ADAK, ALASKA
 73-77
 YEARS
 MAY
 MONTH
 19
 HOURS (L.S.T.)

415

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	3.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 20000	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 18000	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 16000	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 14000	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 12000	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 10000	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 9000	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 8000	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 7000	5.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 6000	5.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 5000	6.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 4500	7.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 4000	9.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 3500	11.6	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 3000	19.4	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 2500	30.3	46.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2000	33.6	60.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 1800	33.6	63.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1500	35.5	77.4	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1200	36.1	83.2	89.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	36.1	84.5	91.0	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	36.1	84.5	91.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	36.1	85.8	92.9	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	36.1	86.5	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	36.1	86.5	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	36.1	86.5	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	36.1	86.5	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	36.1	86.5	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	36.1	86.5	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	36.1	86.5	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	36.1	86.5	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25706
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		1.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 20000		1.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
At 18000	At 18000	1.3	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
At 16000	At 16000	1.3	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
At 14000	At 14000	1.3	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
At 12000	At 12000	1.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
At 10000	At 10000	1.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
At 9000	At 9000	1.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
At 8000	At 8000	1.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
At 7000	At 7000	1.3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
At 6000	At 6000	1.3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
At 5000	At 5000	1.3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
At 4500	At 4500	1.3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
At 4000	At 4000	1.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
At 3500	At 3500	1.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
At 3000	At 3000	3.9	23.2	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
At 2500	At 2500	7.1	40.7	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
At 2000	At 2000	7.7	55.5	58.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
At 1800	At 1800	7.7	60.0	62.6	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
At 1500	At 1500	8.4	72.3	76.1	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
At 1200	At 1200	8.4	76.8	82.6	87.7	88.4	89.0	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
At 1000	At 1000	8.4	78.1	83.9	89.0	89.7	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
At 900	At 900	8.4	78.7	84.5	89.7	90.3	91.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
At 800	At 800	8.4	78.7	85.2	90.3	91.6	92.3	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
At 700	At 700	8.4	80.7	87.7	92.9	94.2	94.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
At 600	At 600	8.4	80.7	87.7	92.9	94.2	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
At 500	At 500	8.4	80.7	87.7	92.9	94.2	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
At 400	At 400	8.4	80.7	87.7	92.9	94.2	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
At 300	At 300	8.4	80.7	87.7	92.9	94.2	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
At 200	At 200	8.4	80.7	87.7	92.9	94.2	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
At 100	At 100	8.4	80.7	87.7	92.9	94.2	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
At 0	At 0	8.4	80.7	87.7	92.9	94.2	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

STATION NAME ADAK, ALASKA STATION NUMBER 73-77 YEARS 1944 MONTH MAY HOURS 11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	1.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
≥ 20000	1.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
18000	2.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
16000	2.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
14000	2.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
12000	2.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
10000	2.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
9000	2.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
8000	2.4	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
7000	3.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
6000	3.3	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
5000	3.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
4500	4.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
4000	5.3	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
3500	8.1	16.6	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
3000	11.8	25.9	26.1	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
2500	16.3	40.7	42.3	43.2	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5
2000	19.9	58.4	60.9	62.7	63.3	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5
1800	20.8	63.0	66.6	69.1	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0
1500	22.1	73.2	78.7	82.4	83.5	83.7	84.0	84.1	84.1	84.2	84.2	84.2	84.2
1200	22.2	76.5	83.2	87.7	89.0	89.6	90.2	90.5	90.5	90.6	90.6	90.6	90.6
1000	22.4	78.8	86.6	91.7	93.2	93.9	94.7	95.1	95.1	95.2	95.2	95.2	95.2
900	22.6	79.4	87.4	92.7	94.4	95.2	96.2	96.6	96.6	96.8	96.8	96.9	96.9
800	22.6	79.8	88.3	93.9	95.7	96.5	97.7	98.2	98.2	98.3	98.3	98.4	98.4
700	22.6	80.3	89.0	94.7	96.5	97.3	98.6	99.0	99.0	99.2	99.3	99.3	99.3
600	22.6	80.3	89.0	94.8	96.5	97.4	98.8	99.3	99.3	99.4	99.4	99.5	99.5
500	22.6	80.4	89.1	94.9	96.7	97.6	99.0	99.5	99.5	99.7	99.7	99.8	99.8
400	22.6	80.4	89.1	94.9	96.8	97.7	99.0	99.6	99.6	99.8	99.8	99.9	99.9
300	22.6	80.4	89.1	94.9	96.8	97.7	99.0	99.6	99.6	99.8	99.8	99.9	99.9
200	22.6	80.4	89.1	94.9	96.8	97.7	99.0	99.6	99.6	99.8	99.8	100.0	100.0
100	22.6	80.4	89.1	94.9	96.8	97.7	99.0	99.6	99.6	99.8	99.8	100.0	100.0
0	22.6	80.4	89.1	94.9	96.8	97.7	99.0	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

CEILING VERSUS VISIBILITY

25704 STATION ADAK, ALASKA 73-77 YEARS JUN MONTH 01 HOUR (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 18000		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 16000		4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 14000		4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 12000		5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 10000		5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 9000		5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 8000		6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
≥ 7000		8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 6000		8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 5000		8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 4500		8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 4000		8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 3500		12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 3000		14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 2500		18.7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 2000		30.7	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 1800		34.0	34.7	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 1500		48.7	54.0	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1200		62.0	68.0	69.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1000		66.0	73.3	76.7	76.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7
≥ 900		68.0	75.3	80.0	80.7	80.7	82.0	82.7	82.7	82.7	82.7	82.7
≥ 800		68.7	76.0	80.7	82.0	82.0	83.3	84.7	84.7	84.7	84.7	84.7
≥ 700		70.7	78.7	83.3	86.0	86.0	87.3	88.7	88.7	88.7	88.7	88.7
≥ 600		71.3	79.3	84.0	86.7	86.7	88.7	90.0	90.0	90.0	90.0	90.0
≥ 500		72.0	80.7	87.3	91.3	91.3	93.3	94.7	94.7	94.7	94.7	94.7
≥ 400		72.0	80.7	87.3	91.3	91.3	94.0	95.3	96.0	96.0	96.0	96.0
≥ 300		72.0	80.7	87.3	91.3	91.3	94.0	96.0	96.7	96.7	96.7	96.7
≥ 200		72.0	80.7	87.3	91.3	91.3	94.7	97.3	98.7	98.7	98.7	98.7
≥ 100		72.0	80.7	87.3	91.3	91.3	94.7	97.3	99.3	99.3	99.3	99.3
≥ 0		72.0	80.7	87.3	91.3	91.3	94.7	97.3	97.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

35704 STATION NAME ADAX, ALASKA 73-77 YEARS PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) MONTH JAN HOURS (S.T.) 04

411

RRNR

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

RRR

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	2.0	2.7	2.7	2.7	2.7	2.7	2.7	3.3	3.3	3.3	3.3	3.3	3.3
≥ 20000	2.0	2.7	2.7	2.7	2.7	2.7	2.7	3.3	3.3	3.3	3.3	3.3	3.3
≥ 18000	2.0	2.7	2.7	2.7	2.7	2.7	2.7	3.3	3.3	3.3	3.3	3.3	3.3
≥ 16000	2.0	2.7	2.7	2.7	2.7	2.7	2.7	3.3	3.3	3.3	3.3	3.3	3.3
≥ 14000	2.0	2.7	2.7	2.7	2.7	2.7	2.7	3.3	3.3	3.3	3.3	3.3	3.3
≥ 12000	2.0	2.7	2.7	2.7	2.7	2.7	2.7	3.3	3.3	3.3	3.3	3.3	3.3
≥ 10000	2.0	2.7	2.7	2.7	2.7	2.7	2.7	3.3	3.3	3.3	3.3	3.3	3.3
≥ 9000	2.0	2.7	2.7	2.7	2.7	2.7	2.7	3.3	3.3	3.3	3.3	3.3	3.3
≥ 8000	2.7	3.3	3.3	3.3	3.3	3.3	3.3	4.0	4.0	4.0	4.0	4.0	4.0
≥ 7000	4.0	6.0	6.0	6.0	6.0	6.0	6.0	6.7	6.7	6.7	6.7	6.7	6.7
≥ 6000	4.7	6.7	6.7	6.7	6.7	6.7	6.7	7.3	7.3	7.3	7.3	7.3	7.3
≥ 5000	4.7	7.3	7.3	7.3	7.3	7.3	7.3	8.0	8.0	8.0	8.0	8.0	8.0
≥ 4500	4.7	7.3	7.3	7.3	7.3	7.3	7.3	8.0	8.0	8.0	8.0	8.0	8.0
≥ 4000	5.3	9.3	9.3	9.3	9.3	9.3	9.3	10.0	10.0	10.0	10.0	10.0	10.0
≥ 3500	6.0	11.3	11.3	11.3	11.3	11.3	11.3	12.0	12.0	12.0	12.0	12.0	12.0
≥ 3000	7.3	16.0	16.0	16.0	16.0	16.0	16.0	16.7	16.7	16.7	16.7	16.7	16.7
≥ 2500	8.0	19.3	19.3	19.3	19.3	19.3	19.3	20.0	20.0	20.0	20.0	20.0	20.0
≥ 2000	10.0	29.3	29.3	30.0	30.0	30.0	30.0	30.7	30.7	30.7	30.7	30.7	30.7
≥ 1800	11.3	36.0	36.0	36.7	36.7	36.7	36.7	37.3	37.3	37.3	37.3	37.3	37.3
≥ 1500	11.3	52.7	55.2	56.7	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1200	11.3	62.7	67.3	68.7	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1000	11.3	68.7	74.7	78.7	80.7	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 900	11.3	71.3	77.3	81.3	83.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 800	11.3	72.7	82.0	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	11.3	73.3	82.7	88.0	90.7	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 600	11.3	73.3	83.3	88.7	91.3	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	11.3	73.3	84.0	89.3	92.7	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 400	11.3	73.3	84.0	90.0	93.3	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300	11.3	73.3	84.0	90.0	93.3	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 200	11.3	73.3	84.0	90.0	93.3	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 100	11.3	73.3	84.0	90.0	93.3	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
0	11.3	73.3	84.0	90.0	93.3	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS 150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

35704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUN
MONTH07
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	2.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
≥ 20000	2.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
≥ 18000	2.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
≥ 16000	2.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
≥ 14000	2.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
≥ 12000	2.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
≥ 10000	2.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
≥ 9000	3.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 8000	3.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 7000	5.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 6000	5.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 5000	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 4500	6.7	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 4000	6.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 3500	8.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 3000	12.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 2500	13.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 2000	20.7	33.3	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 1800	22.7	40.0	40.0	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 1500	25.3	54.0	56.0	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1200	26.0	62.0	65.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1000	26.7	67.3	72.0	76.0	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 900	26.7	67.3	73.3	78.7	82.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 800	26.7	70.7	76.7	82.0	86.7	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 700	26.7	72.7	78.7	85.3	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 600	27.3	73.3	80.0	87.3	92.0	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	27.3	74.0	80.7	88.7	93.3	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	27.3	74.0	80.7	90.0	94.7	95.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	27.3	74.0	80.7	90.0	94.7	95.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	27.3	74.0	80.7	90.0	94.7	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	27.3	74.0	80.7	90.0	94.7	95.3	98.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3
≥ 0	27.3	74.0	80.7	90.0	94.7	95.3	98.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

25704 STATION ADAK, ALASKA 73-77 YEARS PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) JULY MONTH 10 HOURS (P. M. T.)

409

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	3.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 20000	3.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
18000	3.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 16000	3.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
14000	3.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 12000	3.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
10000	4.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 9000	4.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
8000	4.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 7000	6.7	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
6000	6.7	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 5000	7.3	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
4500	7.3	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 4000	7.3	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
3500	8.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 3000	11.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
2500	14.7	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 2000	27.3	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
1800	28.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1500	30.7	66.0	68.0	70.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3
1200	31.3	68.7	70.7	74.0	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1000	32.0	75.3	79.3	84.0	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0
900	32.7	76.7	81.3	86.0	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0
≥ 800	34.0	78.7	83.3	89.3	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7
700	34.7	79.3	84.0	90.0	92.0	92.7	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	34.7	80.0	85.3	92.7	95.3	96.7	98.0	98.0	98.0	98.0	98.0	98.0
500	34.7	80.0	85.3	92.7	95.3	96.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	34.7	80.0	85.3	93.3	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3
300	34.7	80.0	85.3	93.3	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	34.7	80.0	85.3	93.3	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3
100	34.7	80.0	85.3	93.3	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3
0	34.7	80.0	85.3	93.3	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

25704
STATIONADAK, ALASKA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	4.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
≥ 20000	4.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
≥ 18000	6.7	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 16000	6.7	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 14000	6.7	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 12000	6.7	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 10000	7.3	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 9000	7.3	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 8000	7.3	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 7000	10.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 6000	10.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 5000	10.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 4500	10.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 4000	10.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 3500	14.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 3000	18.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 2500	23.3	30.7	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 2000	30.7	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 1800	32.7	52.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 1500	38.7	75.3	78.0	79.3	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	38.7	78.7	81.3	84.0	85.3	85.3	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	40.0	84.0	88.0	90.7	92.0	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	40.0	84.7	88.7	91.3	93.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	40.0	85.3	89.3	92.7	94.7	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	40.0	85.3	89.3	92.7	95.3	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	40.0	86.0	90.0	94.0	96.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	40.0	86.7	90.7	94.7	97.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	40.0	86.7	90.7	94.7	97.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	40.0	86.7	90.7	94.7	97.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	40.0	86.7	90.7	94.7	97.3	97.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	40.0	86.7	90.7	94.7	97.3	97.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	40.0	86.7	90.7	94.7	97.3	97.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY (P. S. T.)

407

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNP

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 20000	4.7	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 18000	6.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 16000	6.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 14000	6.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 12000	6.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 10000	6.7	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 9000	7.3	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
8000	8.0	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
7000	10.7	12.0	12.0	12.0	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
6000	10.7	12.0	12.0	12.0	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
5000	11.3	12.7	12.7	12.7	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
4500	12.0	13.3	13.3	13.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
4000	13.3	14.7	14.7	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
3500	14.7	16.7	16.7	16.7	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
3000	18.0	21.3	21.3	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
2500	24.7	31.3	31.3	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2000	36.7	49.3	49.3	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
1800	38.7	56.0	56.0	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
1500	40.7	70.7	70.7	72.7	73.3	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7
1200	40.7	77.3	79.3	81.3	82.7	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7
1000	40.7	80.0	85.3	88.7	90.0	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0
900	40.7	80.0	86.0	89.3	90.7	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7
800	40.7	81.3	88.0	92.7	94.0	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0
700	40.7	81.3	88.0	92.7	94.0	94.7	95.3	96.7	96.7	96.7	96.7	96.7	96.7
600	40.7	81.3	88.7	94.0	96.0	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7
500	40.7	81.3	88.7	94.0	96.0	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7
400	40.7	81.3	88.7	94.7	96.7	97.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0
300	40.7	81.3	88.7	94.7	96.7	97.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0
200	40.7	81.3	88.7	94.7	96.7	97.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0
100	40.7	81.3	88.7	94.7	96.7	97.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0
0	40.7	81.3	88.7	94.7	96.7	97.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	7.4	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 20000	7.4	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 18000	8.1	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 16000	8.1	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 14000	8.1	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 12000	8.1	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 10000	8.1	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 9000	8.1	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 8000	8.1	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 7000	9.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 6000	9.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 5000	10.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
≥ 4500	10.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
≥ 4000	12.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 3500	14.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 3000	16.1	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
≥ 2500	22.2	27.5	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 2000	28.9	44.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 1800	32.2	52.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 1500	33.6	67.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 1200	33.6	73.8	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1000	33.6	76.5	82.6	83.2	85.2	85.2	85.9	85.9	85.9	85.9	85.9	85.9
≥ 900	33.6	78.5	84.6	86.6	88.6	88.6	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800	33.6	79.2	85.9	89.9	92.0	92.0	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	33.6	79.9	87.3	91.3	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	33.6	79.9	87.3	91.3	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	33.6	79.9	87.3	91.3	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	33.6	79.9	87.3	91.3	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300	33.6	79.9	87.3	91.3	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 200	33.6	79.9	87.3	91.3	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 100	33.6	79.9	87.3	91.3	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0
0	33.6	79.9	87.3	91.3	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS

149

CEILING VERSUS VISIBILITY

25704 STATION AAK, ALASKA STATION NAME 73-77 YEARS PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) MONTH JAN MONTH 22 HOURS (S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
≥ 20000	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
≥ 18000	4.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 16000	4.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 14000	4.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 12000	4.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 10000	4.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
≥ 9000	4.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
≥ 8000	4.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 7000	6.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 6000	6.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 5000	6.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 4500	7.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 4000	8.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥ 3500	9.3	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 3000	10.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 2500	12.0	27.3	28.7	29.3	29.3	29.3	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 2000	12.7	37.3	39.3	40.0	40.0	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 1800	13.3	42.0	44.0	45.3	45.3	45.3	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 1500	14.0	56.7	60.0	62.0	62.0	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1200	14.0	64.7	69.3	72.7	72.7	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1000	14.0	70.7	75.3	80.0	80.0	80.0	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 900	14.0	72.0	76.7	81.3	82.0	82.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 800	14.0	72.0	76.7	82.0	82.7	82.7	83.3	84.0	84.0	84.7	84.7	84.7	84.7	84.7
≥ 700	14.0	72.7	78.7	86.0	86.7	86.7	87.3	88.0	88.0	88.7	88.7	88.7	88.7	88.7
≥ 600	14.0	73.3	79.3	86.7	88.0	88.0	88.7	89.3	89.3	90.0	90.0	90.0	90.0	90.0
≥ 500	14.0	73.3	80.0	87.3	90.0	90.0	90.7	91.3	92.0	92.7	92.7	92.7	92.7	92.7
≥ 400	14.0	73.3	80.0	87.3	90.0	90.0	90.7	91.3	93.3	94.0	94.0	94.0	94.0	94.0
≥ 300	14.0	73.3	80.0	87.3	90.0	90.0	90.7	91.3	93.3	94.7	94.7	94.7	94.7	94.7
≥ 200	14.0	73.3	80.0	87.3	90.0	90.0	90.7	92.0	94.7	96.7	96.7	97.3	97.3	97.3
≥ 100	14.0	73.3	80.0	87.3	90.0	90.0	90.7	92.0	94.7	98.0	98.7	99.3	99.3	99.3
≥ 0	14.0	73.3	80.0	87.3	90.0	90.0	90.7	92.0	94.7	98.0	98.7	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (24 HRS.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	3.5	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 20000	3.5	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
≥ 18000	4.1	5.5	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
≥ 16000	4.1	5.6	5.6	5.6	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 14000	4.1	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 12000	4.1	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 10000	4.4	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
≥ 9000	4.6	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 8000	4.8	6.7	6.7	6.7	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 7000	6.6	9.3	9.3	9.3	9.3	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
≥ 6000	6.7	9.4	9.4	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
≥ 5000	7.1	10.0	10.0	10.0	10.0	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
≥ 4500	7.4	10.4	10.4	10.4	10.4	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
≥ 4000	8.2	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 3500	9.4	13.8	13.8	13.8	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 3000	11.9	18.3	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
≥ 2500	14.8	24.5	24.9	25.0	25.1	25.1	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 2000	20.9	39.4	40.0	40.5	40.5	40.5	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 1800	22.4	45.4	46.1	46.8	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 1500	24.3	61.4	64.2	65.9	66.4	66.5	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1200	24.4	68.7	72.6	74.8	75.5	75.6	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1000	24.8	73.6	78.8	82.2	83.7	83.8	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 900	24.9	74.8	80.4	84.3	86.0	86.2	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 800	25.0	76.1	82.2	87.1	89.2	89.4	90.3	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700	25.1	76.9	83.4	88.7	91.1	91.3	92.4	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	25.2	77.3	84.2	89.8	92.5	92.8	94.3	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	25.2	77.6	84.7	90.7	93.7	94.3	95.8	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	25.2	77.6	84.7	91.1	94.2	94.8	96.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	25.2	77.6	84.7	91.1	94.2	94.8	96.7	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.3
≥ 200	25.2	77.6	84.7	91.1	94.2	94.8	97.1	98.3	98.3	98.9	99.1	99.3	99.3	99.3	99.3
≥ 100	25.2	77.6	84.7	91.1	94.2	94.8	97.1	98.3	98.3	99.3	99.6	99.8	99.8	99.9	100.0
≥ 0	25.2	77.6	84.7	91.1	94.2	94.8	97.1	98.3	98.3	99.3	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

1199

CEILING VERSUS VISIBILITY

25704 STATION 25704 ALASKA 73-77 YEARS PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) MONTH 11 YEAR 1967

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	7	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 20000	7	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
18000	7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
16000	7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
14000	7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
12000	7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
10000	7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
9000	7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
8000	7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
7000	7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
6000	7	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
5000	7	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
4500	7	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
4000	7	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
3500	7	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
3000	7	19.4	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
2500	7	24.5	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
2000	7	33.6	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
1800	7	37.4	38.1	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
1500	7	46.5	49.7	51.0	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9
1200	7	52.3	56.1	59.4	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
1000	7	59.4	65.8	69.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
900	7	60.0	66.5	70.3	72.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2
800	7	62.6	69.7	73.6	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
700	7	63.2	71.0	74.8	77.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
600	7	65.8	74.8	79.4	83.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
500	7	67.1	76.1	80.7	86.5	89.7	89.7	90.3	90.3	91.0	91.6	91.6
400	7	68.4	77.4	82.6	88.4	92.3	92.3	93.6	93.6	94.8	95.5	95.5
300	7	68.4	77.4	83.2	89.0	93.6	93.6	94.8	94.8	96.8	97.4	97.4
200	7	68.4	77.4	83.2	89.0	94.2	94.2	95.5	95.5	98.7	99.4	99.4
100	7	68.4	77.4	83.2	89.0	94.2	94.2	95.5	95.5	98.7	99.4	99.4
0	7	68.4	77.4	83.2	89.0	94.2	94.2	95.5	95.5	98.7	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEAR

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)04
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 20000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 18000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 16000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 14000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 12000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 10000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 9000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 8000	3.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 7000	3.9	6.5	6.5	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 6000	3.9	6.5	6.5	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 5000	4.5	7.1	7.1	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 4500	5.2	8.4	8.4	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 4000	5.8	10.3	10.3	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 3500	5.8	11.0	11.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 3000	6.5	14.8	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 2500	7.7	23.2	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 2000	7.7	29.0	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 1800	7.7	31.0	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 1500	8.4	42.6	45.2	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 1200	8.4	49.7	53.6	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1000	8.4	58.7	63.9	67.7	68.4	68.4	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7
≥ 900	8.4	60.0	65.8	69.7	71.6	72.3	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6
≥ 800	8.4	60.7	67.7	72.9	75.5	76.1	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1
≥ 700	8.4	63.9	71.6	77.4	80.0	81.3	83.2	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2
≥ 600	8.4	65.8	74.8	82.6	86.5	87.7	89.7	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6
≥ 500	8.4	65.8	74.8	83.2	87.7	89.0	92.3	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	8.4	65.8	74.8	83.9	89.7	91.0	94.2	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	8.4	65.8	74.8	83.9	89.7	91.0	94.2	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	8.4	65.8	74.8	83.9	89.7	91.0	94.2	96.8	97.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	8.4	65.8	74.8	83.9	89.7	91.0	94.2	96.8	97.4	99.4	100.0	100.0	100.0	100.0	100.0
0	8.4	65.8	74.8	83.9	89.7	91.0	94.2	96.8	97.4	99.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

TH

07 HOURS (L.S.T.)

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

JULY

MONTH

10

HOURS (G.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.1	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 20000	7.1	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 18000	7.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 16000	7.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 14000	7.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 12000	7.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 10000	7.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 9000	8.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
8000	9.0	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
7000	10.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
6000	10.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
5000	10.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
4500	10.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
4000	10.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
3500	11.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
3000	13.6	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
2500	17.4	21.9	23.2	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
2000	21.9	32.3	34.2	35.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
1800	23.2	36.8	38.7	42.6	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
1500	27.1	45.8	49.7	56.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
1200	27.7	51.0	58.1	65.2	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
1000	27.7	58.7	67.7	76.8	81.3	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
900	27.7	59.4	69.7	79.4	83.9	84.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
800	28.4	61.9	72.3	82.6	87.1	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
700	28.4	63.2	74.8	85.2	89.7	90.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
600	28.4	64.5	76.8	87.7	92.9	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
500	28.4	64.5	76.8	87.7	93.6	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
400	28.4	65.2	77.4	89.0	94.8	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	28.4	65.2	77.4	89.0	94.8	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	28.4	65.2	77.4	89.0	94.8	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	28.4	65.2	77.4	89.0	94.8	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	28.4	65.2	77.4	89.0	94.8	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

STATION 25704 ADAK, ALASKA STATION NAME 73-77 YEARS JUL MONTH 13 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	8.4	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 20000	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 18000	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 16000	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 14000	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 12000	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 10000	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 9000	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
8000	10.3	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
7000	12.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
6000	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
5000	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
4500	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
4000	13.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
3500	14.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
3000	14.8	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
2500	17.4	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
2000	27.7	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
1800	29.0	43.9	44.5	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
1500	33.6	59.4	60.7	67.1	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3
1200	34.8	70.3	72.3	79.4	81.9	81.9	83.2	83.2	83.2	83.2	83.2	83.2
1000	35.5	75.5	78.7	86.5	89.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0
900	35.5	77.4	81.3	89.0	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6
800	35.5	77.4	81.9	89.7	92.9	92.9	94.8	94.8	94.8	94.8	94.8	94.8
700	35.5	78.1	82.6	91.6	94.8	94.8	96.8	96.8	96.8	96.8	96.8	96.8
600	35.5	78.7	83.2	92.3	96.8	96.8	98.7	98.7	98.7	98.7	98.7	98.7
500	35.5	78.7	83.9	92.9	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4
400	35.5	78.7	83.9	92.9	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4
300	35.5	78.7	83.9	92.9	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4
200	35.5	78.7	83.9	92.9	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4
100	35.5	78.7	83.9	92.9	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4
0	35.5	78.7	83.9	92.9	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

24704
STATION

ADAK, ALASKA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	5.8	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 20000	6.5	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 18000	7.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 16000	7.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 14000	7.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 12000	7.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 10000	7.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 9000	7.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 8000	8.4	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 7000	10.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 6000	10.3	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 5000	10.3	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 4500	10.3	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 4000	11.6	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 3500	12.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 3000	15.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 2500	20.7	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 2000	25.8	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 1800	27.1	49.7	49.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 1500	30.3	63.2	63.2	68.4	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1200	31.0	68.4	71.6	76.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1000	31.6	72.9	77.4	81.9	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	31.6	73.6	78.1	83.2	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	31.6	74.8	80.7	85.8	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	31.6	76.1	82.6	89.0	93.6	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	31.6	76.8	83.2	89.7	94.2	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	31.6	77.4	83.9	90.3	94.8	96.1	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	31.6	77.4	83.9	90.3	94.8	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	31.6	77.4	83.9	90.3	94.8	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	31.6	77.4	83.9	90.3	94.8	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	31.6	77.4	83.9	90.3	94.8	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	31.6	77.4	83.9	90.3	94.8	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18
HOURS (P.S.T.)

397

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 20000	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
18000	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
AI AI	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
14000	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
AI AI	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
12000	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
AI AI	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
10000	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
AI AI	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
9000	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
AI AI	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
8000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
AI AI	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
7000	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
AI AI	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
6000	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
AI AI	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
5000	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
AI AI	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
4500	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
AI AI	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
4000	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
AI AI	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
3500	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
AI AI	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
3000	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
AI AI	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
2500	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
AI AI	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
2000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
AI AI	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
1800	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
AI AI	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
1500	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
1200	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
1000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
900	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
800	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
700	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
600	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
500	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
400	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
300	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
200	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
100	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
AI AI	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

38704
STATION

ADAK, ALASKA

73-77

YEARS

111
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (P. M. T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	
NO CEILING	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 20000	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 18000	3.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 16000	3.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 14000	3.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 12000	4.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 10000	5.2	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 9000	5.2	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 8000	5.2	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 7000	5.2	11.6	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 6000	5.2	11.6	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 5000	5.2	11.6	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 4500	5.8	12.9	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 4000	5.8	13.6	13.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 3500	5.8	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 3000	7.1	17.4	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 2500	9.0	22.6	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 2000	9.7	32.3	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 1800	9.7	36.8	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 1500	10.3	44.5	48.4	51.6	51.6	51.6	52.3	52.3	52.3	52.9	52.9	52.9	52.9	52.9
≥ 1200	10.3	51.6	56.8	61.3	63.2	63.2	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5
≥ 1000	11.0	59.4	65.2	69.7	71.6	72.3	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6
≥ 900	11.0	61.3	67.7	72.3	74.2	74.8	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8
≥ 800	11.0	61.9	68.4	72.9	76.1	77.4	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4
≥ 700	11.0	61.9	69.7	75.5	78.7	80.7	81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2
≥ 600	11.0	62.6	70.3	80.0	83.2	85.8	87.1	88.4	88.4	89.0	89.0	89.0	89.0	89.0
≥ 500	11.0	62.6	70.3	80.7	83.9	87.1	89.7	92.3	92.9	93.6	93.6	93.6	93.6	93.6
≥ 400	11.0	62.6	71.0	82.6	85.8	89.0	92.3	94.8	95.5	96.1	96.1	96.1	96.1	96.1
≥ 300	11.0	62.6	71.0	82.6	85.8	89.0	92.3	96.1	96.8	97.4	97.4	97.4	97.4	97.4
≥ 200	11.0	62.6	71.0	82.6	86.5	89.7	93.6	96.8	97.4	98.1	98.1	98.1	98.1	98.1
≥ 100	11.0	62.6	71.0	82.6	86.5	89.7	93.6	96.8	97.4	98.7	98.7	98.7	98.7	98.7
0	11.0	62.6	71.0	82.6	86.5	89.7	93.6	96.8	97.4	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS

395

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNN

1234-18766

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
≥ 20000	4.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
18000	5.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
16000	5.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
14000	5.2	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
12000	5.4	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
10000	5.6	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
9000	5.8	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
8000	6.3	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.4	9.4	9.4
7000	7.3	10.9	11.0	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.2	11.2	11.2	11.2
6000	7.5	11.3	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.6	11.6	11.6	11.6
5000	7.6	11.4	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.7	11.7	11.7	11.7
4500	7.9	12.0	12.1	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
4000	8.3	12.9	13.0	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
3500	9.0	14.4	14.5	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.8	14.8	14.8	14.8
3000	10.4	18.4	18.7	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
2500	13.0	24.6	25.2	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
2000	16.5	34.6	35.6	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9
1800	16.9	38.9	40.1	41.6	42.0	42.1	42.1	42.1	42.1	42.1	42.2	42.2	42.2	42.2
1500	19.3	50.0	52.7	56.5	57.7	58.0	58.2	58.2	58.2	58.3	58.4	58.4	58.4	58.4
1200	19.6	56.5	60.6	65.7	67.5	67.9	68.2	68.2	68.2	68.5	68.6	68.6	68.6	68.6
1000	19.8	63.5	69.0	75.2	78.0	78.6	79.4	79.4	79.4	79.8	79.8	79.8	79.8	79.8
900	19.8	64.7	70.7	77.3	80.2	81.0	81.9	82.0	82.0	82.3	82.4	82.4	82.4	82.4
800	20.0	66.1	72.7	79.7	83.2	84.0	85.1	85.2	85.2	85.5	85.6	85.6	85.6	85.6
700	20.0	67.1	74.4	82.3	85.7	86.8	88.1	88.6	88.6	88.9	89.0	89.0	89.0	89.0
600	20.0	68.1	76.1	85.1	89.2	90.5	92.0	92.7	92.7	93.2	93.2	93.2	93.2	93.2
500	20.1	68.5	76.7	85.9	90.5	92.0	94.0	95.1	95.2	95.8	95.9	95.9	95.9	95.9
400	20.1	68.9	77.2	86.9	91.8	93.4	95.7	97.1	97.2	97.9	98.0	98.1	98.1	98.1
300	20.1	68.9	77.2	86.9	91.9	93.6	95.9	97.5	97.6	98.6	98.6	98.9	98.9	98.9
200	20.1	68.9	77.2	86.9	91.9	93.7	96.2	97.8	98.0	99.3	99.3	99.5	99.5	99.5
100	20.1	68.9	77.2	86.9	91.9	93.7	96.2	97.8	98.0	99.3	99.4	99.8	99.8	99.8
0	20.1	68.9	77.2	86.9	91.9	93.7	96.2	97.8	98.0	99.3	99.4	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1240

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	7	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 20000	7	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 18000	7	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 16000	7	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 14000	7	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 12000	7	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 10000	7	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 9000	7	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 8000	7	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 7000	7	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
6000	7	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
5000	7	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
4500	7	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
4000	7	5.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
3500	7	6.5	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
3000	7	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
2500	7	12.3	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
2000	7	15.5	17.4	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
1800	7	25.8	28.4	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
1500	7	27.7	31.6	32.3	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
1200	7	36.1	41.3	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
1000	7	44.5	51.0	54.2	56.8	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1
900	7	51.6	60.0	63.9	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
800	7	53.6	62.6	67.7	71.0	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9
700	7	56.8	67.7	74.8	79.4	80.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9
600	7	58.7	71.0	78.7	83.2	83.9	85.8	86.5	86.5	86.5	86.5	86.5	86.5
500	7	59.4	72.3	81.9	86.5	87.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3
400	7	60.0	72.9	83.9	89.7	91.0	94.8	95.5	95.5	95.5	95.5	95.5	95.5
300	7	60.0	73.6	85.2	91.0	92.3	96.1	97.4	97.4	97.4	97.4	97.4	97.4
200	7	60.0	73.6	85.2	91.0	92.3	96.1	97.4	97.4	97.4	97.4	97.4	97.4
100	7	60.7	74.2	85.8	91.6	92.9	96.8	98.7	98.7	98.7	98.7	98.7	98.7
0	7	60.7	74.2	85.8	91.6	92.9	96.8	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

STATION 25704 ADAK, ALASKA STATION NAME 73-77 YEARS MONTH AUG 04 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 20000		2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 18000		2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 16000		2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 14000		2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 12000	.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 10000	.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 9000	.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 8000	.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 7000	1.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 6000	1.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 5000	1.3	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 4500	1.3	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 4000	1.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 3500	1.3	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 3000	1.3	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 2500	1.3	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 2000	1.3	28.4	29.0	30.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 1800	1.3	29.7	31.0	32.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 1500	1.3	43.2	46.5	49.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 1200	1.3	47.1	52.3	56.8	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1000	1.3	51.0	60.0	66.5	67.7	69.0	69.7	69.7	69.7	69.7	69.7	69.7
≥ 900	1.3	51.0	62.6	70.3	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6
≥ 800	1.3	51.0	63.2	72.3	73.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5
≥ 700	1.3	52.3	65.8	76.8	79.4	80.7	81.9	83.9	83.9	83.9	83.9	83.9
≥ 600	1.3	54.8	69.0	81.3	83.9	85.8	87.1	89.0	89.0	89.0	89.0	89.0
≥ 500	1.3	55.5	70.3	82.6	87.1	89.0	90.3	92.9	92.9	92.9	92.9	92.9
≥ 400	1.3	56.1	71.6	85.8	91.0	92.9	94.2	96.8	96.8	96.8	96.8	96.8
≥ 300	1.3	56.1	71.6	85.8	91.0	92.9	94.2	96.8	96.8	96.8	96.8	96.8
≥ 200	1.3	56.1	71.6	85.8	91.0	92.9	94.2	96.8	96.8	96.8	96.8	96.8
≥ 100	1.3	56.1	71.6	85.8	91.0	92.9	94.2	96.8	96.8	96.8	96.8	96.8
0	1.3	56.1	71.6	85.8	91.0	92.9	94.2	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

25704 STATION ADAK, ALASKA 73-77 YEARS AUG MONTH 07 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	1.3	1.9	1.9	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
≥ 20000	1.3	1.9	1.9	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
AI 18000	1.3	2.6	2.6	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
AI 16000	1.3	2.6	2.6	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
AI 14000	1.3	2.6	2.6	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
AI 12000	1.3	2.6	2.6	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
AI 10000	1.3	3.2	3.2	3.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
AI 9000	1.3	3.9	3.9	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
AI 8000	1.3	3.9	3.9	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
AI 7000	4.5	8.4	8.4	8.4	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
AI 6000	4.5	8.4	8.4	8.4	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
AI 5000	5.2	9.0	9.0	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
AI 4500	6.5	10.3	10.3	10.3	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
AI 4000	6.5	11.6	11.6	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
AI 3500	7.1	12.9	12.9	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
AI 3000	7.7	14.8	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
AI 2500	8.4	16.1	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
AI 2000	9.7	25.2	25.8	26.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
AI 1800	11.0	28.4	29.0	30.3	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3
AI 1500	11.6	40.7	45.8	49.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6
AI 1200	11.6	45.2	51.6	56.1	58.7	58.7	59.4	60.0	60.0	60.0	60.0	60.0	60.0
AI 1000	12.3	48.4	56.8	61.9	65.8	66.5	68.4	69.0	69.0	69.0	69.0	69.0	69.0
AI 900	12.3	49.0	58.7	63.9	67.7	69.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6
AI 800	12.3	52.9	63.9	69.7	74.2	76.1	78.1	80.0	80.0	80.0	80.0	80.0	80.0
AI 700	12.3	54.2	66.5	74.2	78.7	80.7	82.6	84.5	84.5	84.5	84.5	84.5	84.5
AI 600	12.3	54.2	66.5	75.5	80.0	81.9	84.5	86.5	86.5	86.5	86.5	86.5	86.5
AI 500	12.3	54.8	67.1	77.4	81.9	84.5	89.0	91.0	91.0	91.6	91.6	91.6	91.6
AI 400	12.3	54.8	67.7	78.7	83.9	86.5	91.6	93.6	93.6	94.8	94.8	94.8	94.8
AI 300	12.3	54.8	67.7	79.4	84.5	87.1	92.9	94.8	94.8	96.8	96.8	96.8	96.8
AI 200	12.3	54.8	67.7	79.4	84.5	87.1	92.9	94.8	94.8	96.8	96.8	96.8	96.8
AI 100	12.3	54.8	67.7	79.4	84.5	87.1	92.9	94.8	94.8	96.8	96.8	96.8	96.8
0	12.3	54.8	67.7	79.4	84.5	87.1	92.9	94.8	94.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

7-77

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)10
HOURS (S.T.)

391

MMH

5703 CEILING VERSUS VISIBILITY JAN 68

MMH

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	3.2	3.9	3.9	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 20000	3.2	4.5	4.5	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 18000	3.9	5.2	5.2	5.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 16000	3.9	5.2	5.2	5.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 14000	3.9	5.2	5.2	5.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 12000	4.5	6.5	6.5	6.5	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 10000	4.5	6.5	6.5	6.5	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 9000	5.2	7.1	7.1	7.1	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 8000	5.2	7.1	7.1	7.1	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 7000	7.1	9.7	9.7	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 6000	7.1	9.7	9.7	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 5000	7.1	9.7	9.7	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 4500	7.1	9.7	9.7	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 4000	8.4	11.0	11.0	11.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 3500	9.7	12.9	12.9	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 3000	11.0	14.8	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 2500	13.6	20.0	21.3	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 2000	14.8	27.1	29.7	31.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 1800	15.5	31.0	34.2	35.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 1500	17.4	43.9	49.0	52.9	56.1	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1200	18.7	48.4	56.1	61.3	65.2	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1000	18.7	56.8	67.7	76.8	80.7	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 900	18.7	58.1	69.0	78.1	82.6	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 800	18.7	59.4	71.0	80.7	85.8	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	18.7	60.0	71.6	81.3	86.5	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	18.7	61.3	72.9	82.6	89.7	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	18.7	61.9	74.2	83.9	92.3	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	18.7	61.9	74.2	83.9	92.3	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	18.7	61.9	74.2	83.9	92.3	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	18.7	61.9	74.2	83.9	92.3	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	18.7	61.9	74.2	83.9	92.3	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	18.7	61.9	74.2	83.9	92.3	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25704 STATION NO. ADAS ALASKA STATION NAME 73-77 YEARS MONTH 13 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.2	4.5	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 20000	3.2	4.5	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 18000	3.2	4.5	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 16000	3.2	4.5	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 14000	3.2	4.5	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 12000	4.5	5.8	5.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 10000	4.5	5.8	5.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 9000	4.5	5.8	5.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 8000	5.2	7.1	7.1	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 7000	6.5	8.4	8.4	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 6000	7.1	9.7	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 5000	7.7	11.0	11.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 4500	7.7	11.0	11.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 4000	8.4	11.6	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 3500	9.0	12.9	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 3000	11.6	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 2500	12.3	20.7	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 2000	16.1	31.6	33.6	35.5	35.5	35.5	35.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 1800	17.4	38.7	41.3	43.2	43.2	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 1500	20.7	52.9	58.7	65.2	66.5	66.5	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1200	20.7	60.0	66.5	72.9	75.5	75.5	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1000	20.7	61.9	69.0	80.0	83.2	83.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900	20.7	63.2	70.3	81.3	84.5	84.5	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	20.7	63.9	71.6	82.6	86.5	86.5	89.0	90.3	90.3	91.0	91.0	91.0	91.0	91.0
≥ 700	20.7	64.5	72.9	85.2	89.0	89.0	92.3	93.6	93.6	94.2	94.2	94.2	94.2	94.2
≥ 600	20.7	65.8	74.2	87.1	91.6	91.6	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1
≥ 500	20.7	66.5	74.8	87.7	92.3	92.3	97.4	98.7	98.7	99.4	99.4	99.4	99.4	99.4
≥ 400	20.7	66.5	74.8	87.7	92.9	92.9	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 300	20.7	66.5	74.8	87.7	92.9	92.9	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 200	20.7	66.5	74.8	87.7	92.9	92.9	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 100	20.7	66.5	74.8	87.7	92.9	92.9	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 0	20.7	66.5	74.8	87.7	92.9	92.9	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

25704 ADAX, ALASKA STATION NAME 73-77 YEARS 16 MONTHS 16 HOURS (S. T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	5.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 20000	5.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
AI 18000	5.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
AI 16000	5.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
AI 14000	5.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
AI 12000	5.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
AI 10000	5.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
AI 9000	6.5	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
AI 8000	6.5	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
AI 7000	6.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
AI 6000	7.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
AI 5000	7.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
AI 4500	7.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
AI 4000	7.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
AI 3500	8.4	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
AI 3000	11.6	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
AI 2500	13.6	21.9	21.9	21.9	21.9	21.9	21.9	22.6	22.6	23.2	23.2	23.2	23.2	23.2	23.2
AI 2000	16.8	34.2	34.8	35.5	35.5	35.5	36.1	36.1	36.1	36.8	36.8	36.8	36.8	36.8	36.8
AI 1800	18.7	40.7	41.9	43.9	44.5	44.5	45.2	45.8	45.8	46.5	46.5	46.5	46.5	46.5	46.5
AI 1500	20.7	56.1	58.1	62.6	64.5	64.5	65.8	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1
AI 1200	20.7	60.0	62.6	68.4	71.0	71.0	73.6	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8
AI 1000	20.7	63.2	68.4	75.5	78.7	79.4	83.2	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5
AI 900	20.7	64.5	69.7	78.1	81.3	81.9	85.8	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1
AI 800	20.7	64.5	70.3	78.7	81.9	82.6	87.1	87.7	87.7	89.7	89.7	89.7	89.7	89.7	89.7
AI 700	20.7	66.5	72.3	81.3	85.2	86.5	91.0	91.6	91.6	93.6	93.6	93.6	93.6	93.6	93.6
AI 600	20.7	67.1	73.6	83.2	87.1	88.4	92.9	93.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1
AI 500	20.7	67.1	73.6	83.9	87.7	89.7	94.2	94.8	94.8	97.4	97.4	97.4	97.4	97.4	97.4
AI 400	20.7	67.1	74.2	84.5	89.0	91.0	95.5	96.1	96.1	98.7	98.7	98.7	98.7	98.7	98.7
AI 300	20.7	67.1	74.8	85.2	89.7	91.6	96.1	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0
AI 200	20.7	67.1	74.8	85.2	89.7	91.6	96.1	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0
AI 100	20.7	67.1	74.8	85.2	89.7	91.6	96.1	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0
AI 0	20.7	67.1	74.8	85.2	89.7	91.6	96.1	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

24704
171700

ADAK, ALASKA

STATION NAME

71-77

YEARS

AUG
MONTH

19
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 20000	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 18000	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 16000	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 14000	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 12000	3.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 10000	3.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 9000	3.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 8000	5.2	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 7000	5.8	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	9.0	9.0	9.0	9.0	9.0
≥ 6000	5.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.7	9.7	9.7	9.7	9.7
≥ 5000	5.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.7	9.7	9.7	9.7	9.7
≥ 4500	6.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 4000	6.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 3500	9.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 3000	9.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 2500	11.0	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	20.0	20.0	20.0	20.0	20.0
≥ 2000	16.1	33.6	35.5	35.5	35.5	35.5	35.5	35.5	35.5	36.1	36.1	36.1	36.1	36.1
≥ 1800	16.1	36.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4
≥ 1500	16.8	49.7	58.7	60.0	60.0	60.7	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9
≥ 1200	18.1	54.2	65.2	67.1	67.7	69.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6
≥ 1000	18.1	56.1	67.7	71.6	74.2	75.5	78.7	79.4	79.4	80.7	80.7	80.7	80.7	80.7
≥ 900	18.1	56.8	69.7	73.6	76.8	78.1	81.3	81.9	81.9	83.2	83.2	83.2	83.2	83.2
≥ 800	18.1	57.4	71.0	75.5	78.7	80.0	83.2	83.9	83.9	85.2	85.2	85.2	85.2	85.2
≥ 700	18.1	57.4	72.9	78.1	81.3	82.6	85.8	86.5	86.5	87.7	87.7	87.7	87.7	87.7
≥ 600	18.1	58.1	73.6	79.4	82.6	83.9	87.7	88.4	88.4	90.3	90.3	90.3	90.3	90.3
≥ 500	18.1	58.1	73.6	81.3	85.2	87.1	91.6	92.3	92.3	94.2	94.2	94.2	94.2	94.2
≥ 400	18.1	58.1	74.2	82.6	86.5	89.0	93.6	94.2	94.2	97.4	97.4	97.4	97.4	97.4
≥ 300	18.1	58.1	74.2	83.2	87.1	89.7	94.8	95.5	95.5	98.7	98.7	98.7	98.7	98.7
≥ 200	18.1	58.1	74.2	83.2	87.1	89.7	94.8	95.5	95.5	98.7	98.7	98.7	98.7	98.7
≥ 100	18.1	58.1	74.2	83.2	87.1	89.7	94.8	95.5	95.5	98.7	98.7	98.7	98.7	98.7
≥ 0	18.1	58.1	74.2	83.2	87.1	89.7	94.8	95.5	95.5	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

25704 STATION ADAK, ALASKA 73-77 YEARS MONTH AUG 22 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING												
≥ 20000		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.9	3.9
≥ 18000		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.9	3.9
≥ 16000		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.9	3.9
≥ 14000		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.9	3.9
≥ 12000		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.9	3.9
≥ 10000		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.9	3.9
≥ 9000		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.9	3.9
≥ 8000	7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.5	4.5
≥ 7000	7	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.2	5.2
≥ 6000	7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.5	6.5
≥ 5000	7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	8.4	8.4
≥ 4500	7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.7	9.7
≥ 4000	7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.7	9.7
≥ 3500	7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	11.0	11.0
≥ 3000	7	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	12.3	12.3
≥ 2500	7	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	16.1	16.1
≥ 2000	7	24.5	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.5	26.5
≥ 1800	7	27.1	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.7	29.7
≥ 1500	7	34.8	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	42.6	42.6
≥ 1200	7	39.4	47.1	50.3	50.3	51.0	51.0	51.6	51.6	51.6	52.3	52.3
≥ 1000	7	43.9	54.8	60.0	61.9	63.2	63.2	63.9	63.9	63.9	64.5	64.5
≥ 900	7	46.5	60.0	65.8	67.7	69.0	69.0	70.3	70.3	70.3	71.0	71.0
≥ 800	7	49.7	64.5	70.3	74.2	75.5	76.1	76.8	76.8	76.8	77.4	77.4
≥ 700	7	50.3	65.2	71.0	74.8	76.1	76.8	77.4	78.1	78.1	78.7	78.7
≥ 600	7	52.9	68.4	76.1	80.0	81.3	84.5	86.5	87.1	87.1	87.7	87.7
≥ 500	7	53.6	69.0	77.4	81.9	83.9	87.1	89.0	89.7	89.7	90.3	90.3
≥ 400	7	54.2	69.7	79.4	83.9	86.5	90.3	92.9	94.2	94.2	94.8	94.8
≥ 300	7	54.2	69.7	79.4	84.5	87.1	91.0	93.6	95.5	95.5	96.1	96.1
≥ 200	7	55.5	71.0	80.7	86.5	89.0	92.9	96.1	98.1	98.1	99.4	99.4
≥ 100	7	55.5	71.0	80.7	86.5	89.0	92.9	96.1	98.1	98.1	99.4	99.4
0	7	55.5	71.0	80.7	86.5	89.0	92.9	96.1	98.1	98.1	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	2.2	3.6	3.7	3.8	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1
≥ 20000	2.2	3.7	3.8	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.2	4.2	4.2
18000	2.3	3.9	4.0	4.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.4	4.4	4.4
16000	2.3	3.9	4.0	4.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.4	4.4	4.4
14000	2.3	3.9	4.0	4.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.4	4.4	4.4
12000	2.7	4.4	4.5	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9	4.9	4.9
10000	2.7	4.6	4.7	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.1	5.1	5.1
9000	2.8	4.8	4.8	4.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.2	5.2
8000	3.2	5.2	5.3	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8
7000	4.2	7.1	7.2	7.3	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.6	7.7	7.7	7.7
6000	4.3	7.5	7.6	7.7	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.2	8.2	8.2
5000	4.4	8.2	8.3	8.4	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.9	8.9	8.9
4500	4.8	9.1	9.2	9.3	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.8	9.8	9.8
4000	5.0	9.7	9.8	9.8	10.1	10.1	10.1	10.1	10.1	10.2	10.2	10.2	10.3	10.3	10.3
3500	5.8	11.5	11.7	11.8	12.0	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.3	12.3	12.3
3000	6.8	14.2	14.4	14.5	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	15.0	15.0	15.0
2500	7.7	18.4	18.9	19.1	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.8	19.8	19.8
2000	9.5	28.8	30.3	31.1	31.7	31.7	31.7	31.7	31.7	31.9	31.9	31.9	32.3	32.3	32.3
1800	10.2	32.4	34.6	35.7	36.4	36.4	36.4	36.4	36.4	36.8	36.8	36.8	37.1	37.1	37.1
1500	11.2	44.7	49.8	53.0	54.4	54.4	54.4	54.4	54.4	55.7	55.7	55.7	56.0	56.0	56.0
1200	11.5	49.8	56.5	60.9	62.9	63.6	64.6	65.2	65.2	65.3	65.3	65.3	65.5	65.5	65.5
1000	11.6	54.1	63.1	69.5	72.4	73.3	75.0	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.1
900	11.6	55.3	65.3	72.3	75.4	76.5	78.4	79.0	79.0	79.3	79.3	79.3	79.4	79.4	79.4
800	11.6	56.9	67.9	75.6	79.3	80.4	82.5	83.4	83.4	83.9	83.9	83.9	84.0	84.0	84.0
700	11.6	58.0	69.8	78.3	82.3	83.5	85.8	86.8	86.8	87.3	87.3	87.3	87.5	87.5	87.5
600	11.6	59.2	71.3	80.9	85.2	86.5	89.5	90.7	90.7	91.4	91.4	91.4	91.6	91.6	91.6
500	11.6	59.7	71.9	82.3	87.3	89.0	92.7	94.0	94.0	94.8	94.8	94.8	95.1	95.1	95.1
400	11.6	59.8	72.5	83.5	88.8	90.7	94.5	96.0	96.0	97.2	97.2	97.2	97.5	97.5	97.5
300	11.6	59.8	72.6	83.7	89.1	91.1	95.1	96.6	96.6	98.1	98.1	98.1	98.4	98.4	98.4
200	11.6	60.1	72.8	84.0	89.4	91.4	95.5	97.2	97.2	98.6	98.6	98.6	99.1	99.1	99.1
100	11.6	60.1	72.8	84.0	89.4	91.4	95.5	97.3	97.3	98.7	98.7	98.7	99.4	99.4	99.4
0	11.6	60.1	72.8	84.0	89.4	91.4	95.5	97.3	97.3	98.7	98.7	98.7	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

1240

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

NNNN

CEILING VERSUS VISIBILITY

SEP
MONTH

YEARS

73-77

STATION NAME

ADAK, ALASKA

2870A
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (P.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 20000	7	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 18000	1.3	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 16000	1.3	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 14000	1.3	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 12000	1.3	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 10000	1.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 9000	1.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 8000	1.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 7000	1.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 6000	1.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 5000	1.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 4500	1.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 4000	1.3	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 3500	1.3	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 3000	1.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 2500	1.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 2000	1.3	53.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1800	1.3	64.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1500	1.3	66.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1200	1.3	73.3	77.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1000	1.3	76.7	80.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 900	1.3	80.0	84.7	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	1.3	81.3	86.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	1.3	82.7	88.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	1.3	82.7	88.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	1.3	82.7	88.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	1.3	82.7	88.0	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	1.3	82.7	88.0	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	1.3	82.7	88.0	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 100	1.3	82.7	88.0	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0	1.3	82.7	88.0	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

385

MMH

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

MMH

CEILING VERSUS VISIBILITY

SEP
MONTH

YEARS

73-77

STATION NAME

ADAK, ALASKA

21704
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 20000	7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 18000	1.3	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 16000	1.3	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 14000	1.3	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 12000	1.3	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 10000	1.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 9000	1.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 8000	1.3	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 7000	1.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 6000	1.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 5000	1.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 4500	1.3	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 4000	1.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 3500	1.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 3000	1.3	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 2500	1.3	52.0	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 2000	1.3	58.7	59.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1800	1.3	62.7	63.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1500	1.3	72.7	74.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1200	1.3	75.3	78.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1000	1.3	78.7	81.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	1.3	78.7	82.0	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	1.3	79.3	82.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	1.3	80.0	84.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	1.3	80.0	84.7	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	1.3	80.7	85.3	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	1.3	80.7	85.3	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	1.3	80.7	85.3	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	1.3	80.7	85.3	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	1.3	80.7	85.3	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0	1.3	80.7	85.3	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	5.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 20000	5.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 18000	5.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 16000	5.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 14000	5.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 12000	5.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 10000	6.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 9000	6.0	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 8000	6.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 7000	8.7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 6000	8.7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 5000	11.3	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 4500	11.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 4000	11.3	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 3500	12.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 3000	15.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 2500	17.3	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2000	18.7	58.0	61.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 1800	19.3	62.0	65.3	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 1500	19.3	68.7	73.3	76.0	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1200	19.3	70.0	75.3	78.0	80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1000	19.3	72.0	78.7	82.0	86.0	86.7	87.3	87.3	88.0	88.0	88.0	88.0	88.0
≥ 900	19.3	73.3	80.7	84.7	86.7	89.3	90.0	90.0	90.7	90.7	90.7	90.7	90.7
≥ 800	19.3	74.0	81.3	86.0	90.0	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.0
≥ 700	19.3	74.7	82.7	88.0	92.7	93.3	94.7	94.7	95.3	95.3	95.3	95.3	95.3
≥ 600	19.3	74.7	82.7	88.7	93.3	94.0	95.3	95.3	96.0	96.0	96.0	96.0	96.0
≥ 500	19.3	74.7	83.3	89.3	94.0	94.7	97.3	97.3	98.0	98.7	98.7	98.7	98.7
≥ 400	19.3	74.7	83.3	89.3	94.0	94.7	97.3	97.3	98.0	98.7	98.7	98.7	98.7
≥ 300	19.3	74.7	83.3	89.3	94.7	95.3	98.0	98.0	99.3	100.0	100.0	100.0	100.0
≥ 200	19.3	74.7	83.3	89.3	94.7	95.3	98.0	98.0	99.3	100.0	100.0	100.0	100.0
≥ 100	19.3	74.7	83.3	89.3	94.7	95.3	98.0	98.0	99.3	100.0	100.0	100.0	100.0
0	19.3	74.7	83.3	89.3	94.7	95.3	98.0	98.0	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

383

MMH

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

MMH

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	4.7	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 20000	5.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 18000	6.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 16000	6.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 14000	6.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 12000	6.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 10000	6.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 9000	7.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 8000	9.3	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 7000	10.7	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 6000	10.7	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 5000	12.0	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 4500	12.0	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 4000	13.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 3500	16.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 3000	19.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 2500	23.3	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 2000	26.0	64.7	66.0	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 1800	27.3	68.7	71.3	72.0	72.0	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1500	28.7	72.7	76.7	80.7	81.3	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1200	28.7	73.3	79.3	84.7	86.0	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	28.7	74.0	80.7	86.0	87.3	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	28.7	76.0	82.7	88.0	89.3	90.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	28.7	76.7	83.3	89.3	90.7	92.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	28.7	78.0	84.7	90.7	92.0	93.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	28.7	78.0	85.3	92.0	93.3	94.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	28.7	78.7	86.0	92.7	94.0	95.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	28.7	78.7	86.0	92.7	94.7	96.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	28.7	78.7	86.0	92.7	94.7	96.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	28.7	78.7	86.0	92.7	94.7	96.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	28.7	78.7	86.0	92.7	94.7	96.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	28.7	78.7	86.0	92.7	94.7	96.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCCM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

MMHH

MMH

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

381

RRRR

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

RRR

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	5.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 20000	6.0	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
18000	8.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
16000	8.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
14000	8.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
12000	8.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
10000	8.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
9000	10.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
8000	12.0	17.3	17.3	17.3	17.3	17.3	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
7000	13.3	19.3	19.3	19.3	19.3	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
6000	13.3	19.3	19.3	19.3	19.3	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5000	16.7	24.0	24.0	24.0	24.0	24.0	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
4500	17.3	24.7	24.7	24.7	24.7	24.7	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
4000	20.0	30.0	30.0	30.0	30.0	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
3500	22.7	34.0	34.0	34.0	34.0	34.0	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
3000	27.3	44.7	44.7	44.7	44.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
2500	30.7	52.0	52.7	52.7	53.3	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2000	33.3	62.0	64.7	66.0	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
1800	33.3	64.7	67.3	69.3	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
1500	34.0	72.7	75.3	78.7	79.3	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
1200	34.0	74.7	78.0	82.0	82.7	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
1000	34.0	76.0	80.0	85.3	86.0	86.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
900	34.0	76.0	80.7	86.0	86.7	86.7	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
800	34.0	76.7	82.0	88.0	88.7	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
700	34.0	77.3	82.7	90.0	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
600	34.0	77.3	82.7	90.0	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
500	34.0	77.3	82.7	90.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
400	34.0	77.3	82.7	90.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
300	34.0	77.3	82.7	90.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
200	34.0	77.3	82.7	90.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
100	34.0	77.3	82.7	90.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
0	34.0	77.3	82.7	90.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP
MONTH

16
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	6.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 20000	9.3	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
18000	10.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 16000	10.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
14000	10.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
12000	12.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
10000	12.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 9000	13.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
8000	15.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 7000	16.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
6000	16.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
5000	18.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
4500	18.7	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
4000	20.0	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
3500	23.3	32.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
3000	30.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
2500	36.7	58.0	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
2000	36.7	68.0	68.7	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
1800	36.7	68.7	69.3	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1500	36.7	72.7	76.0	79.3	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7
1200	36.7	73.3	77.3	81.3	83.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
1000	36.7	74.7	79.3	85.3	88.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
900	36.7	76.0	81.3	87.3	90.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
800	36.7	76.0	81.3	88.7	92.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
700	36.7	76.0	81.3	88.7	92.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
600	36.7	77.3	82.7	90.0	93.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
500	36.7	77.3	82.7	90.0	94.0	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400	36.7	77.3	83.3	90.7	94.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300	36.7	77.3	83.3	90.7	94.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	36.7	77.3	83.3	90.7	94.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	36.7	77.3	83.3	90.7	94.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	36.7	77.3	83.3	90.7	94.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

130

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	6.0	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 20000	6.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 18000	8.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 16000	9.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 14000	9.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 12000	10.7	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 10000	10.7	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 8000	10.7	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 7000	12.0	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 6000	12.7	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 5000	12.7	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 4500	14.7	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 4000	16.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 3500	17.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 3000	19.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 2500	24.0	36.7	36.7	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 2000	26.7	50.0	50.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1800	28.7	62.7	64.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1500	28.7	67.3	68.7	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 1200	29.3	71.3	74.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1000	29.3	74.7	78.7	82.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 900	29.3	75.3	80.0	85.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 800	29.3	76.0	80.7	86.0	88.7	89.3	90.7	91.3	91.3	91.3	91.3	91.3
≥ 700	29.3	76.7	82.7	88.0	91.3	92.7	94.0	94.7	94.7	94.7	94.7	94.7
≥ 600	29.3	78.0	84.0	89.3	92.7	94.0	95.3	96.0	96.0	96.0	96.0	96.0
≥ 500	29.3	78.0	84.7	90.7	93.3	94.0	96.0	96.7	96.7	96.7	96.7	96.7
≥ 400	29.3	78.7	85.3	91.3	94.7	96.0	97.3	98.0	98.0	98.0	98.0	98.0
≥ 300	29.3	78.7	85.3	91.3	95.3	96.7	98.0	98.7	98.7	98.7	98.7	98.7
≥ 200	29.3	78.7	85.3	91.3	95.3	96.7	98.0	98.7	98.7	98.7	98.7	98.7
≥ 100	29.3	78.7	85.3	91.3	95.3	96.7	98.0	98.7	98.7	98.7	98.7	98.7
0	29.3	78.7	85.3	91.3	95.3	96.7	98.0	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 20000	.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
AI 18000	1.3	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
AI 16000	1.3	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
AI 14000	1.3	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
AI 12000	1.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
AI 10000	1.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
AI 9000	1.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
AI 8000	1.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
AI 7000	1.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
AI 6000	1.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
AI 5000	1.3	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
AI 4500	1.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
AI 4000	1.3	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
AI 3500	2.0	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
AI 3000	2.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
AI 2500	2.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
AI 2000	2.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
AI 1800	2.7	68.7	70.0	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
AI 1500	2.7	74.0	76.7	79.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
AI 1200	2.7	78.7	81.3	85.3	88.0	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
AI 1000	2.7	80.7	83.3	87.3	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 900	2.7	80.7	83.3	87.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 800	2.7	81.3	84.0	88.0	92.0	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
AI 700	2.7	81.3	84.0	88.0	92.0	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
AI 600	2.7	82.0	84.7	88.7	92.7	94.0	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 500	2.7	82.0	84.7	88.7	92.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 400	2.7	82.7	85.3	90.7	94.7	96.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
AI 300	2.7	82.7	85.3	90.7	94.7	96.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
AI 200	2.7	82.7	85.3	90.7	94.7	96.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
AI 100	2.7	82.7	85.3	90.7	94.7	96.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
AI 0	2.7	82.7	85.3	90.7	94.7	96.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704 STATION ADK, ALASKA STATION NAME 73-77 YEARS SEP MONTH HOURS 11.1
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	3.8	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
≥ 20000	4.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 18000	5.4	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 16000	5.5	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
≥ 14000	5.5	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
≥ 12000	5.9	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 10000	6.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
≥ 9000	6.5	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
≥ 8000	7.4	17.7	17.7	17.7	17.7	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8
≥ 7000	8.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 6000	8.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 5000	9.6	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
≥ 4500	10.0	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 4000	10.8	24.8	24.9	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 3500	12.3	29.5	29.6	29.6	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 3000	15.2	39.8	40.1	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 2500	17.4	52.8	53.3	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 2000	18.6	63.0	64.5	65.5	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1800	18.8	66.2	68.1	69.6	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 1500	19.2	72.3	75.5	78.6	79.8	80.2	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1200	19.2	74.6	78.6	82.7	84.3	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1000	19.2	76.6	81.0	85.9	87.8	88.6	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 900	19.2	77.3	82.3	87.4	89.5	90.3	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	19.2	77.9	83.2	88.9	91.2	92.0	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 700	19.2	78.5	84.0	90.2	92.6	93.4	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	19.2	78.8	84.3	91.0	93.5	94.4	96.1	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	19.2	78.9	84.8	91.4	94.3	95.3	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	19.2	79.1	85.0	91.9	94.8	95.8	98.3	99.0	99.2	99.5	99.5	99.5	99.5	99.5
≥ 300	19.2	79.1	85.0	91.9	95.0	96.0	98.4	99.2	99.4	99.8	99.8	99.8	99.8	99.8
≥ 200	19.2	79.1	85.0	91.9	95.0	96.0	98.4	99.2	99.4	99.8	99.8	99.8	99.8	99.8
≥ 100	19.2	79.1	85.0	91.9	95.0	96.0	98.4	99.2	99.4	99.8	99.8	99.8	99.8	99.8
≥ 0	19.2	79.1	85.0	91.9	95.0	96.0	98.4	99.2	99.4	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1200

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	7	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 20000	7	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 18000	7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 16000	7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 14000	7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 12000	7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 10000	7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 9000	7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 8000	7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 7000	7	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 6000	7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 5000	7	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 4500	7	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 4000	7	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 3500	7	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 3000	7	47.7	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2500	7	59.4	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 2000	7	68.4	71.6	75.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1800	7	71.0	74.8	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	7	74.8	80.0	85.8	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	7	75.5	81.9	89.7	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	7	75.5	81.9	91.0	93.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	7	75.5	81.9	91.0	94.2	94.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	7	76.1	82.6	91.6	94.8	95.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	7	76.1	83.9	92.9	96.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	7	76.1	83.9	93.6	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	7	76.1	83.9	93.6	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	7	76.1	83.9	93.6	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	7	76.1	83.9	93.6	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	7	76.1	83.9	93.6	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	7	76.1	83.9	93.6	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	7	76.1	83.9	93.6	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

1977
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)04
HOURS (L.T.)

375

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

1234-18766

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 20000	7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 18000	7	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 16000	7	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 14000	7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 12000	7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 10000	7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 9000	7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
8000	7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
7000	7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
6000	7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
5000	7	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
4500	7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
4000	7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
3500	7	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
3000	1.2	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
2500	1.3	63.2	63.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
2000	1.3	72.9	73.6	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4
1800	1.3	75.5	76.1	80.0	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3
1500	1.3	78.7	79.4	83.9	83.9	85.2	85.2	86.5	86.5	86.5	86.5	86.5
1200	1.3	81.3	82.6	88.4	89.7	91.0	91.0	92.3	92.3	92.3	92.3	92.3
1000	1.3	82.6	84.5	91.6	92.9	94.2	94.2	95.5	95.5	95.5	95.5	95.5
900	1.3	82.6	84.5	91.6	92.9	94.2	94.2	95.5	95.5	95.5	95.5	95.5
800	1.3	82.6	85.2	92.3	93.6	94.8	94.8	96.8	96.8	96.8	96.8	96.8
700	1.3	82.6	85.2	92.3	93.6	94.8	94.8	96.8	96.8	96.8	96.8	96.8
600	1.3	82.6	85.2	93.6	95.5	96.8	96.8	98.1	98.1	98.1	98.1	98.1
500	1.3	82.6	85.2	93.6	96.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0
400	1.3	82.6	85.2	93.6	96.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0
300	1.3	82.6	85.2	93.6	96.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0
200	1.3	82.6	85.2	93.6	96.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0
100	1.3	82.6	85.2	93.6	96.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0
0	1.3	82.6	85.2	93.6	96.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	1.3	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 20000	1.9	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
18000	1.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
16000	1.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
14000	1.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
12000	1.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
10000	1.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
9000	2.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
8000	3.2	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
7000	3.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
6000	4.5	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
5000	4.5	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
4500	5.6	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
4000	7.1	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
3500	8.4	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
3000	10.3	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
2500	11.0	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
2000	12.3	71.6	72.9	74.2	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1
1800	12.3	73.6	74.8	77.4	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4
1500	12.3	76.8	78.7	83.2	85.2	86.5	87.1	87.7	87.7	87.7	87.7	87.7
1200	12.3	78.7	81.3	85.8	87.7	89.0	89.7	90.3	90.3	90.3	90.3	90.3
1000	12.3	78.7	82.6	88.4	90.3	91.6	92.3	92.9	92.9	92.9	92.9	92.9
900	12.3	79.4	83.2	89.7	91.6	92.9	93.6	94.2	94.2	94.2	94.2	94.2
800	12.3	80.0	83.9	90.3	93.6	95.5	96.1	96.8	96.8	96.8	96.8	96.8
700	12.3	80.0	83.9	90.3	93.6	95.5	96.8	97.4	97.4	98.1	98.1	98.1
600	12.3	80.0	83.9	91.0	94.2	96.1	97.4	98.1	98.1	98.7	98.7	98.7
500	12.3	80.0	83.9	91.0	94.8	96.8	98.7	99.4	99.4	100.0	100.0	100.0
400	12.3	80.0	83.9	91.0	94.8	96.8	98.7	99.4	99.4	100.0	100.0	100.0
300	12.3	80.0	83.9	91.0	94.8	96.8	98.7	99.4	99.4	100.0	100.0	100.0
200	12.3	80.0	83.9	91.0	94.8	96.8	98.7	99.4	99.4	100.0	100.0	100.0
100	12.3	80.0	83.9	91.0	94.8	96.8	98.7	99.4	99.4	100.0	100.0	100.0
0	12.3	80.0	83.9	91.0	94.8	96.8	98.7	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

LCY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY (P. T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	5.6	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 20000	7.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 18000	9.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 16000	9.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 14000	9.7	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 12000	9.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 10000	10.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 9000	11.0	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 8000	12.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 7000	14.8	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 6000	16.1	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 5000	18.1	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 4500	18.1	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 4000	21.3	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 3500	25.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 3000	29.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 2500	34.8	60.7	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 2000	35.5	69.7	71.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1800	36.1	72.3	73.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1500	36.8	77.4	81.9	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	37.4	80.0	84.5	89.7	93.6	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	37.4	80.0	85.2	90.3	94.2	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	37.4	80.0	85.2	90.3	94.2	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	37.4	80.0	85.8	91.0	94.8	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	37.4	80.0	85.8	91.0	94.8	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	37.4	80.0	85.8	91.6	95.5	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4
≥ 500	37.4	80.0	85.8	92.3	96.1	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0
≥ 400	37.4	80.0	85.8	92.3	96.1	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0
≥ 300	37.4	80.0	85.8	92.3	96.1	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0
≥ 200	37.4	80.0	85.8	92.3	96.1	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0
≥ 100	37.4	80.0	85.8	92.3	96.1	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0
0	37.4	80.0	85.8	92.3	96.1	98.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

373

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

HP

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (LST.)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	≥ 20000	7.1	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
	18000	7.1	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
	16000	7.7	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
	14000	7.7	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
10000	12000	8.4	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
	10000	8.4	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
	9000	8.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
	8000	8.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
6000	7000	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
	6000	12.3	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
	5000	12.3	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
	4500	15.5	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
4000	4000	16.1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
	3500	20.7	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
	3000	24.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
	2500	29.7	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
2000	2000	32.3	58.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
	1800	32.9	72.9	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
	1500	33.6	76.1	80.7	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
	1200	33.6	80.7	85.8	88.4	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1000	1000	33.6	80.7	86.5	89.7	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
	900	33.6	80.7	86.5	91.0	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	800	33.6	80.7	86.5	91.0	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	700	33.6	80.7	86.5	91.0	94.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
500	600	33.6	80.7	86.5	91.0	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	500	33.6	80.7	86.5	91.0	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	400	33.6	80.7	86.5	91.0	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	300	33.6	80.7	86.5	91.0	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	200	33.6	80.7	86.5	91.0	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	100	33.6	80.7	86.5	91.0	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	0	33.6	80.7	86.5	91.0	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	0	33.6	80.7	86.5	91.0	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

NOV
MONTH

16
HOURS (P.M.T.)

371

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.9	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 20000	3.9	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 18000	5.2	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 16000	5.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 14000	5.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 12000	7.1	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 10000	7.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 9000	7.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 8000	7.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 7000	7.7	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 6000	9.0	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 5000	11.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 4500	12.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 4000	15.5	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 3500	22.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 3000	28.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2500	32.3	61.9	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 2000	34.8	71.6	75.5	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800	35.5	73.6	78.7	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	36.8	79.4	85.8	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	36.8	80.0	87.1	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	36.8	80.7	87.7	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	36.8	80.7	87.7	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	36.8	80.7	87.7	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	36.8	80.7	87.7	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	36.8	81.3	88.4	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	36.8	81.3	88.4	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	36.8	81.3	88.4	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	36.8	81.3	88.4	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	36.8	81.3	88.4	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	36.8	81.3	88.4	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0	36.8	81.3	88.4	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25706
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	1.3	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 20000	1.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 18000	1.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 16000	1.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 14000	1.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 12000	1.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 10000	1.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 9000	1.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 8000	1.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 7000	2.6	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 6000	3.2	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 5000	3.2	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 4500	3.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 4000	3.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 3500	5.8	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 3000	7.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 2500	7.1	60.0	60.0	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 2000	7.7	71.6	74.2	76.8	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1800	7.7	72.3	76.8	80.7	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1500	7.7	77.4	82.6	89.7	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	7.7	79.4	85.2	92.3	93.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8
≥ 1000	7.7	80.0	85.8	92.9	94.2	94.2	94.8	95.5	95.5	95.5	95.5	95.5
≥ 900	7.7	80.0	85.8	92.9	94.2	94.2	95.5	96.1	96.1	96.1	96.1	96.1
≥ 800	7.7	80.0	85.8	92.9	95.5	95.5	96.8	97.4	97.4	97.4	97.4	97.4
≥ 700	7.7	80.0	85.8	92.9	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98.1
≥ 600	7.7	80.0	86.5	93.6	96.8	96.8	98.7	99.4	99.4	99.4	99.4	99.4
≥ 500	7.7	80.0	86.5	93.6	96.8	96.8	98.7	99.4	99.4	100.0	100.0	100.0
≥ 400	7.7	80.0	86.5	93.6	96.8	96.8	98.7	99.4	99.4	100.0	100.0	100.0
≥ 300	7.7	80.0	86.5	93.6	96.8	96.8	98.7	99.4	99.4	100.0	100.0	100.0
≥ 200	7.7	80.0	86.5	93.6	96.8	96.8	98.7	99.4	99.4	100.0	100.0	100.0
≥ 100	7.7	80.0	86.5	93.6	96.8	96.8	98.7	99.4	99.4	100.0	100.0	100.0
0	7.7	80.0	86.5	93.6	96.8	96.8	98.7	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

RRP

NNNN

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

U.S.T.
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 18000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 16000		13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 14000		13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 12000		13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 10000		14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 9000		14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 8000		15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 7000		16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 6000		17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 5000		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 4500		21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 4000		28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 3500		36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 3000	.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 2500	.7	61.9	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 2000	.7	76.1	78.1	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	.7	77.4	80.7	81.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	.7	81.9	87.1	87.7	90.3	90.3	91.0	91.0	91.6	91.6	91.6	91.6
≥ 1200	.7	81.9	88.4	90.3	93.6	93.6	94.2	94.2	94.8	94.8	94.8	94.8
≥ 1000	.7	82.6	89.0	92.3	96.8	96.8	97.4	97.4	98.1	98.1	98.1	98.1
≥ 900	.7	82.6	89.0	92.3	96.8	96.8	97.4	97.4	98.1	98.1	98.1	98.1
≥ 800	.7	83.2	90.3	93.6	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 700	.7	83.2	90.3	93.6	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 600	.7	83.2	90.3	93.6	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 500	.7	83.2	90.3	93.6	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 400	.7	83.2	90.3	93.6	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 300	.7	83.2	90.3	93.6	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 200	.7	83.2	90.3	93.6	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 100	.7	83.2	90.3	93.6	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 0	.7	83.2	90.3	93.6	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	2.6	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
≥ 20000	2.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 18000	3.3	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 16000	3.4	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
≥ 14000	3.6	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
≥ 12000	3.8	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
≥ 10000	4.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥ 9000	4.1	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
≥ 8000	4.5	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 7000	5.2	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
≥ 6000	5.8	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 5000	6.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 4500	7.3	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 4000	8.7	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 3500	11.1	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 3000	13.5	46.9	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 2500	15.0	60.7	61.8	62.6	62.8	62.8	62.8	62.9	62.9	62.9	62.9
≥ 2000	15.7	71.9	74.1	76.5	77.1	77.1	77.2	77.4	77.4	77.4	77.4
≥ 1800	16.0	74.0	77.0	80.2	81.2	81.3	81.4	81.6	81.6	81.6	81.6
≥ 1500	16.2	78.4	82.7	86.9	88.3	88.9	89.2	89.5	89.5	89.6	89.6
≥ 1200	16.3	79.7	84.7	89.8	92.1	92.7	93.2	93.6	93.6	93.6	93.6
≥ 1000	16.3	80.1	85.4	91.4	93.9	94.5	95.1	95.5	95.5	95.6	95.6
≥ 900	16.3	80.2	85.5	91.6	94.2	94.8	95.6	96.0	96.1	96.1	96.1
≥ 800	16.3	80.4	86.0	92.3	95.2	96.1	96.9	97.5	97.5	97.7	97.7
≥ 700	16.3	80.4	86.1	92.4	95.7	96.6	97.5	98.1	98.1	98.3	98.3
≥ 600	16.3	80.5	86.3	93.0	96.4	97.3	98.3	98.9	99.0	99.4	99.4
≥ 500	16.3	80.5	86.3	93.1	96.6	97.6	98.6	99.2	99.3	99.7	99.8
≥ 400	16.3	80.5	86.3	93.1	96.7	97.7	98.8	99.4	99.4	99.8	99.8
≥ 300	16.3	80.5	86.3	93.1	96.7	97.7	98.8	99.4	99.4	99.8	99.8
≥ 200	16.3	80.5	86.3	93.1	96.7	97.7	98.8	99.4	99.4	99.8	99.8
≥ 100	16.3	80.5	86.3	93.1	96.7	97.7	98.8	99.4	99.4	99.8	99.8
≥ 0	16.3	80.5	86.3	93.1	96.7	97.7	98.8	99.4	99.4	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1240

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1
HOURS (P.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
18000		17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
16000		17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
14000		17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
12000		18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
10000		18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
9000		18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
8000		19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
7000		21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
6000		22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
5000		22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
4500		24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
4000		28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
3500		36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
3000		47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
2500		62.0	62.7	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
2000		72.0	74.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
1800		73.3	76.0	77.3	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7
1500		78.0	81.3	84.7	86.0	86.0	86.7	87.3	87.3	88.0	88.0	88.0	88.0
1200		78.7	82.7	88.0	90.0	90.0	90.7	92.0	92.0	92.7	92.7	92.7	92.7
1000		78.7	83.3	88.7	90.7	90.7	90.7	92.0	94.0	95.3	95.3	95.3	95.3
900		78.7	83.3	88.7	90.7	90.7	90.7	92.7	94.7	96.0	96.0	96.0	96.0
800		79.3	84.0	90.0	92.0	92.0	92.7	94.7	96.7	98.0	98.0	98.0	98.0
700		79.3	84.0	90.0	92.0	92.0	92.7	94.7	96.7	98.0	98.0	98.0	98.0
600		79.3	84.0	90.0	92.0	92.0	92.7	94.7	96.7	98.0	98.0	98.0	98.0
500		79.3	84.0	90.0	92.7	93.3	93.3	95.3	97.3	99.3	99.3	99.3	99.3
400		79.3	84.0	90.0	92.7	93.3	93.3	95.3	97.3	99.3	99.3	99.3	99.3
300		79.3	84.0	90.0	92.7	93.3	93.3	95.3	97.3	99.3	99.3	99.3	99.3
200		79.3	84.0	90.0	92.7	93.3	93.3	95.3	97.3	99.3	99.3	99.3	99.3
100		79.3	84.0	90.0	92.7	93.3	93.3	95.3	97.3	99.3	99.3	99.3	99.3
0		79.3	84.0	90.0	92.7	93.3	93.3	95.3	97.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

367

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

NNNN

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 18000		18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 16000		18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 14000		18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 12000		19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 10000		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 9000		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 8000		20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 7000		20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 6000		22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 5000		22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 4500		22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 4000		24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 3500		26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 3000		36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 2500		50.0	50.0	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 2000		64.0	64.7	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1800		75.3	76.7	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1500		76.7	78.7	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200		79.3	82.0	84.7	85.3	86.7	86.7	87.3	87.3	88.7	88.7	88.7	88.7
≥ 1000		80.0	84.0	87.3	88.0	89.3	89.3	90.0	90.0	92.0	92.0	92.0	92.0
≥ 900		80.0	85.3	88.7	89.3	92.0	92.0	93.3	93.3	95.3	95.3	95.3	95.3
≥ 800		80.7	86.7	90.0	90.7	93.3	93.3	95.3	95.3	97.3	97.3	97.3	97.3
≥ 700		80.7	86.7	90.0	90.7	93.3	93.3	95.3	95.3	97.3	97.3	97.3	97.3
≥ 600		80.7	86.7	90.0	90.7	94.0	94.0	96.7	96.7	98.7	98.7	98.7	98.7
≥ 500		80.7	86.7	90.0	90.7	94.0	94.0	97.3	97.3	99.3	99.3	99.3	99.3
≥ 400		80.7	86.7	90.0	90.7	94.0	94.0	97.3	97.3	99.3	99.3	99.3	99.3
≥ 300		80.7	86.7	90.0	90.7	94.0	94.0	97.3	97.3	99.3	99.3	99.3	99.3
≥ 200		80.7	86.7	90.0	90.7	94.0	94.0	97.3	97.3	99.3	99.3	99.3	99.3
≥ 100		80.7	86.7	90.0	90.7	94.0	94.0	97.3	97.3	99.3	99.3	99.3	99.3
0		80.7	86.7	90.0	90.7	94.0	94.0	97.3	97.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

RRP

RRR

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

365

MMMM

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

MM

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 20000		15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 18000		16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 16000		16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 14000		16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 12000		16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 10000		16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 9000		16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 8000		17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 7000		19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 6000		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 5000		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 4500		22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 4000		23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 3500		31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 3000		42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 2500		56.7	58.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2000		67.3	69.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1800		69.3	73.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1500		74.0	80.0	85.3	85.3	86.7	87.3	87.3	87.3	88.0	88.0	88.0	88.0	88.0
≥ 1200		75.3	83.3	90.0	90.0	92.0	92.0	92.0	92.0	93.3	93.3	93.3	93.3	93.3
≥ 1000		76.0	84.0	92.0	92.0	92.7	95.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3
≥ 900		76.0	84.0	92.0	92.0	92.7	95.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3
≥ 800		76.0	84.0	92.0	92.0	92.7	95.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3
≥ 700		76.0	84.0	92.0	92.0	92.7	95.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3
≥ 600		76.0	84.0	92.0	92.0	92.7	95.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3
≥ 500		76.0	84.0	92.0	92.0	92.7	95.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3
≥ 400		76.0	84.0	92.0	92.0	92.7	95.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3
≥ 300		76.0	84.0	92.0	92.0	92.7	95.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3
≥ 200		76.0	84.0	92.0	92.0	92.7	95.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3
≥ 100		76.0	84.0	92.0	92.0	92.7	95.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3
0		76.0	84.0	92.0	92.0	92.7	95.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	6.0	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 20000	7.3	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 18000	8.0	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 16000	8.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥ 14000	8.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 12000	8.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 10000	9.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 9000	9.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 8000	10.0	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 7000	12.0	20.0	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 6000	12.0	20.7	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 5000	13.3	22.0	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 4500	16.0	26.0	26.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 4000	18.0	29.3	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 3500	20.0	38.0	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 3000	22.7	46.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 2500	24.0	59.3	59.3	60.0	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 2000	25.3	69.3	70.0	72.0	74.7	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1800	25.3	70.7	72.0	74.7	77.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1500	25.3	75.3	78.0	82.7	86.0	86.7	88.0	88.0	88.0	88.0	88.7	88.7	88.7
≥ 1200	26.0	76.0	80.0	85.3	90.0	91.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0
≥ 1000	26.0	76.0	80.7	86.0	91.3	92.7	94.7	94.7	94.7	95.3	95.3	95.3	95.3
≥ 900	26.0	76.0	81.3	86.7	92.0	93.3	96.0	96.7	96.7	97.3	97.3	97.3	97.3
≥ 800	26.0	76.0	81.3	86.7	92.7	94.7	97.3	98.0	98.0	98.7	98.7	98.7	98.7
≥ 700	26.0	76.0	81.3	86.7	92.7	94.7	97.3	98.7	98.7	99.3	99.3	99.3	99.3
≥ 600	26.0	76.0	81.3	86.7	92.7	94.7	97.3	98.7	98.7	99.3	99.3	99.3	99.3
≥ 500	26.0	76.0	81.3	86.7	92.7	94.7	97.3	98.7	98.7	99.3	99.3	99.3	99.3
≥ 400	26.0	76.0	81.3	86.7	92.7	94.7	97.3	98.7	98.7	99.3	99.3	99.3	99.3
≥ 300	26.0	76.0	81.3	86.7	92.7	94.7	97.3	98.7	98.7	99.3	99.3	99.3	99.3
≥ 200	26.0	76.0	81.3	86.7	92.7	94.7	97.3	98.7	98.7	99.3	99.3	99.3	99.3
≥ 100	26.0	76.0	81.3	86.7	92.7	94.7	97.3	98.7	98.7	99.3	99.3	99.3	99.3
≥ 0	26.0	76.0	81.3	86.7	92.7	94.7	97.3	98.7	98.7	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	5.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 20000	6.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 18000	8.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 16000	8.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 14000	8.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 12000	8.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 10000	8.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 9000	8.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 8000	8.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 7000	10.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥ 6000	12.7	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 5000	12.7	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 4500	13.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 4000	17.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 3500	20.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 3000	26.0	42.7	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	44.0	44.0
≥ 2500	29.3	53.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.7	56.7
≥ 2000	31.3	64.7	67.3	68.0	68.7	69.3	69.3	69.3	69.3	69.3	69.3	70.0	70.0
≥ 1800	32.0	66.7	70.7	72.7	74.0	74.7	74.7	74.7	74.7	74.7	74.7	75.3	75.3
≥ 1500	32.0	73.3	78.7	82.0	84.7	85.3	86.7	86.7	86.7	86.7	86.7	87.3	87.3
≥ 1200	32.0	74.0	80.0	86.0	89.3	90.0	91.3	92.0	92.0	92.7	92.7	94.0	94.0
≥ 1000	32.0	74.0	80.0	86.0	90.7	91.3	92.7	93.3	93.3	94.0	94.0	95.3	95.3
≥ 900	32.0	74.0	80.7	86.7	91.3	92.0	93.3	94.7	94.7	95.3	95.3	96.7	96.7
≥ 800	32.0	74.0	80.7	86.7	91.3	92.0	94.7	96.0	96.0	96.7	96.7	98.0	98.0
≥ 700	32.0	74.0	80.7	86.7	91.3	92.0	94.7	96.7	96.7	97.3	97.3	98.7	98.7
≥ 600	32.0	74.0	80.7	86.7	91.3	92.0	94.7	96.7	96.7	97.3	97.3	98.7	98.7
≥ 500	32.0	74.0	80.7	86.7	91.3	92.0	95.3	97.3	97.3	98.0	98.0	99.3	99.3
≥ 400	32.0	74.0	80.7	86.7	91.3	92.0	95.3	97.3	97.3	98.0	98.0	99.3	99.3
≥ 300	32.0	74.0	80.7	86.7	91.3	92.0	95.3	97.3	97.3	98.0	98.0	99.3	99.3
≥ 200	32.0	74.0	80.7	86.7	91.3	92.0	95.3	97.3	97.3	98.0	98.0	99.3	99.3
≥ 100	32.0	74.0	80.7	86.7	91.3	92.0	95.3	97.3	97.3	98.7	98.7	100.0	100.0
0	32.0	74.0	80.7	86.7	91.3	92.0	95.3	97.3	97.3	98.7	98.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	6.0	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 20000	6.0	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 18000	6.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 16000	6.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 14000	6.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 12000	6.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 10000	6.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 9000	6.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 8000	9.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 7000	9.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 6000	9.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 5000	10.0	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 4500	11.3	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 4000	13.3	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 3500	17.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 3000	20.0	34.7	34.7	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 2500	23.3	48.7	49.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 2000	28.0	64.0	66.7	71.3	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1800	28.7	66.0	69.3	75.3	76.7	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3
≥ 1500	28.7	68.7	72.0	78.7	80.7	82.0	83.3	83.3	84.0	84.0	84.0	84.0	84.0
≥ 1200	28.7	68.7	72.7	82.0	86.0	88.0	90.0	90.0	91.3	91.3	91.3	91.3	91.3
≥ 1000	28.7	70.0	74.7	84.0	88.0	90.0	93.3	93.3	95.3	95.3	95.3	95.3	95.3
≥ 900	28.7	70.7	75.3	84.7	88.7	90.7	94.0	94.0	96.0	96.0	96.0	96.0	96.0
≥ 800	28.7	70.7	75.3	84.7	88.7	90.7	94.0	94.0	96.7	96.7	96.7	96.7	96.7
≥ 700	28.7	70.7	75.3	84.7	88.7	90.7	94.0	94.0	96.7	96.7	96.7	96.7	96.7
≥ 600	28.7	70.7	75.3	84.7	88.7	90.7	94.0	94.0	96.7	96.7	96.7	96.7	96.7
≥ 500	28.7	70.7	75.3	84.7	88.7	90.7	94.0	94.0	96.7	96.7	96.7	96.7	96.7
≥ 400	28.7	70.7	75.3	84.7	88.7	90.7	94.0	94.0	96.7	96.7	96.7	96.7	96.7
≥ 300	28.7	70.7	75.3	84.7	88.7	90.7	94.0	94.0	96.7	96.7	96.7	96.7	96.7
≥ 200	28.7	70.7	75.3	84.7	88.7	90.7	94.0	94.0	96.7	96.7	96.7	96.7	96.7
≥ 100	28.7	70.7	75.3	84.7	88.7	90.7	94.0	94.0	96.7	96.7	96.7	96.7	96.7
0	28.7	70.7	75.3	84.7	88.7	90.7	94.0	94.0	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

13-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

361

RRRR

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

RRR

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 20000	7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
18000	7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
16000	7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
14000	7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
12000	7	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
10000	7	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
9000	7	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
8000	7	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
7000	7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
6000	7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
5000	7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
4500	7	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
4000	7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
3500	7	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
3000	7	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
2500	7	56.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
2000	7	71.3	74.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
1800	7	74.0	78.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
1500	7	76.7	82.0	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1200	7	78.0	83.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1000	7	78.0	83.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
900	7	78.0	83.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
800	7	78.0	83.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
700	7	78.0	83.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
600	7	78.0	83.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
500	7	78.0	83.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
400	7	78.0	83.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
300	7	78.0	83.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
200	7	78.0	83.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
100	7	78.0	83.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
0	7	78.0	83.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (E.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
18000		17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
16000		18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
14000		18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
12000		19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
10000		19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
9000		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
8000		20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
7000		22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
6000		22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
5000		23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
4500		24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
4000		26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
3500		34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
3000		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
2500		61.3	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
2000		73.3	76.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
1800		73.3	77.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
1500		77.3	84.0	89.3	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1200		78.0	85.3	92.0	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1000		78.0	86.0	93.3	94.7	94.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7
900		78.7	86.7	94.0	95.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3
800		78.7	86.7	94.0	95.3	95.3	96.7	98.0	98.7	98.7	98.7	98.7	98.7
700		78.7	86.7	94.0	95.3	95.3	96.7	98.0	98.7	98.7	98.7	98.7	98.7
600		78.7	86.7	94.0	95.3	95.3	96.7	98.0	98.7	98.7	98.7	98.7	98.7
500		78.7	86.7	94.0	95.3	95.3	96.7	98.0	98.7	98.7	98.7	98.7	98.7
400		78.7	86.7	94.0	95.3	95.3	96.7	98.0	98.7	98.7	98.7	98.7	98.7
300		78.7	86.7	94.0	95.3	95.3	96.7	98.7	99.3	99.3	99.3	99.3	99.3
200		78.7	86.7	94.0	95.3	95.3	96.7	98.7	99.3	99.3	99.3	99.3	99.3
100		78.7	86.7	94.0	95.3	95.3	96.7	98.7	99.3	99.3	99.3	99.3	99.3
0		78.7	86.7	94.0	95.3	95.3	96.7	98.7	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

25704 STATION ADAK, ALASKA 73-77 YEARS NOV MONTH 1968 HOURS 15.7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	2.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 20000	2.6	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
≥ 18000	2.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
≥ 16000	2.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
≥ 14000	3.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 12000	3.0	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
≥ 10000	3.2	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
≥ 9000	3.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
≥ 8000	3.8	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
≥ 7000	4.3	19.3	19.3	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 6000	4.3	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥ 5000	4.6	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 4500	5.2	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
≥ 4000	6.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 3500	7.3	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 3000	8.8	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 2500	9.8	57.7	58.8	60.2	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2000	10.8	69.7	71.8	74.5	75.2	75.5	75.8	75.8	75.9	75.9	75.9	76.0	76.0
≥ 1800	10.9	71.3	74.4	77.8	78.6	79.0	79.3	79.4	79.6	79.6	79.6	79.7	79.7
≥ 1500	10.9	75.3	79.8	84.6	86.2	86.8	87.6	87.8	88.2	88.3	88.3	88.3	88.3
≥ 1200	11.0	76.1	81.4	87.8	90.1	91.0	91.9	92.3	93.0	93.1	93.3	93.3	93.3
≥ 1000	11.0	76.3	82.2	88.8	91.4	92.7	94.2	94.7	95.6	95.7	95.8	95.8	95.8
≥ 900	11.0	76.6	82.7	89.3	91.9	93.2	94.8	95.6	96.5	96.6	96.8	96.8	96.8
≥ 800	11.0	76.7	82.8	89.4	92.2	93.7	95.6	96.4	97.6	97.8	97.9	97.9	97.9
≥ 700	11.0	76.7	82.8	89.4	92.2	93.7	95.6	96.6	97.8	98.0	98.2	98.2	98.2
≥ 600	11.0	76.7	82.8	89.4	92.2	93.8	95.8	96.9	98.3	98.5	98.8	98.8	98.8
≥ 500	11.0	76.7	82.8	89.4	92.3	93.9	96.1	97.3	98.7	98.9	99.2	99.3	99.3
≥ 400	11.0	76.7	82.8	89.4	92.3	93.9	96.1	97.3	98.7	98.9	99.2	99.3	99.3
≥ 300	11.0	76.7	82.8	89.4	92.3	93.9	96.1	97.3	98.8	99.1	99.3	99.5	99.5
≥ 200	11.0	76.7	82.8	89.4	92.3	93.9	96.1	97.3	98.9	99.3	99.5	99.8	99.8
≥ 100	11.0	76.7	82.8	89.4	92.3	93.9	96.1	97.3	99.0	99.3	99.7	100.0	100.0
0	11.0	76.7	82.8	89.4	92.3	93.9	96.1	97.3	99.0	99.3	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 20000	7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 18000	7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 16000	7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 14000	7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 12000	7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 10000	7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 9000	7	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 8000	7	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 7000	7	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 6000	7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 5000	7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 4500	7	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 4000	7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 3500	7	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 3000	7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 2500	7	51.6	52.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 2000	7	59.4	62.6	67.1	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1800	7	61.9	65.2	70.3	71.6	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 1500	7	67.7	72.3	78.7	80.0	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	7	69.0	74.8	82.6	84.5	85.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	7	70.3	76.8	85.2	87.1	88.4	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	7	70.3	76.8	85.2	87.1	89.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	7	70.3	76.8	85.2	87.1	89.0	92.3	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	7	71.6	78.1	86.5	88.4	90.3	93.6	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	7	71.6	78.1	86.5	88.4	90.3	94.2	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	7	71.6	78.1	87.1	89.0	91.0	95.5	95.5	95.5	97.4	97.4	98.1	98.1	98.1	98.1
≥ 400	7	71.6	78.1	87.1	89.0	91.0	95.5	95.5	95.5	97.4	97.4	98.1	98.1	98.1	98.1
≥ 300	7	71.6	78.1	87.1	89.0	91.0	95.5	96.1	96.1	98.7	98.7	99.4	99.4	99.4	99.4
≥ 200	7	71.6	78.1	87.1	89.0	91.0	95.5	96.1	96.1	98.7	98.7	99.4	99.4	99.4	99.4
≥ 100	7	71.6	78.1	87.1	89.0	91.0	95.5	96.1	96.1	98.7	98.7	99.4	99.4	99.4	99.4
0	7	71.6	78.1	87.1	89.0	91.0	95.5	96.1	96.1	98.7	98.7	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

2570A STATION NAME ADAS ALASKA 73-77 YEARS PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) DEC MONTH 04 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 18000		14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 16000		16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 14000		16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 12000		16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 10000		16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 9000		16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 8000		18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 7000		18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 6000		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 5000		20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 4500		21.9	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 4000		25.2	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 3500		32.3	32.3	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 3000		40.0	40.7	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 2500		49.0	49.7	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 2000		60.7	63.9	67.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1800		63.2	66.5	69.7	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1500		64.5	69.7	75.5	80.0	81.3	82.6	83.2	83.2	83.9	83.9	83.9	83.9
≥ 1200		65.8	71.0	79.4	83.9	85.2	86.5	87.1	87.1	88.4	88.4	88.4	88.4
≥ 1000		65.8	71.6	80.0	85.2	86.5	88.4	90.3	90.3	92.3	92.3	92.3	92.3
≥ 900		65.8	71.6	80.7	85.8	87.1	89.0	91.0	91.0	92.9	92.9	92.9	92.9
≥ 800		65.8	71.6	80.7	86.5	88.4	90.3	92.9	92.9	95.5	95.5	95.5	95.5
≥ 700		63.8	71.6	80.7	86.5	89.0	91.6	94.2	94.2	97.4	97.4	97.4	97.4
≥ 600		65.8	71.6	80.7	86.5	89.0	92.3	94.8	94.8	98.7	98.7	98.7	98.7
≥ 500		65.8	72.3	81.3	87.1	89.7	92.9	95.5	95.5	99.4	99.4	99.4	99.4
≥ 400		65.8	72.3	81.3	87.1	89.7	92.9	95.5	95.5	99.4	99.4	99.4	99.4
≥ 300		65.8	72.3	81.3	87.1	89.7	92.9	95.5	95.5	99.4	99.4	99.4	99.4
≥ 200		65.8	72.3	81.3	87.1	89.7	92.9	95.5	95.5	99.4	99.4	99.4	99.4
≥ 100		65.8	72.3	81.3	87.1	89.7	92.9	95.5	95.5	99.4	99.4	99.4	99.4
0		65.8	72.3	81.3	87.1	89.7	92.9	95.5	95.5	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 20000	7	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 18000	7	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 16000	7	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 14000	7	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 12000	7	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 10000	7	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 9000	7	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
8000	7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
7000	7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
6000	7	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5000	7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
4500	7	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
4000	7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
3500	7	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
3000	7	36.8	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
2500	7	49.0	52.9	54.8	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1
2000	7	60.0	64.5	67.1	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3
1800	7	60.0	65.2	67.7	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
1500	7	62.6	73.6	77.4	81.3	81.3	83.2	83.9	83.9	83.9	83.9	83.9	83.9
1200	7	63.9	74.8	81.9	85.8	86.5	88.4	89.7	89.7	90.3	90.3	90.3	90.3
1000	7	63.9	75.5	82.6	87.1	87.7	90.3	92.3	92.3	92.9	92.9	92.9	92.9
900	7	64.5	76.1	83.2	87.7	88.4	91.0	92.9	92.9	93.6	93.6	93.6	93.6
800	7	64.5	76.1	83.2	88.4	89.0	91.6	94.2	94.2	94.8	94.8	94.8	94.8
700	7	64.5	76.1	83.9	89.0	89.7	92.9	96.1	96.1	97.4	97.4	97.4	97.4
500	7	64.5	76.1	83.9	89.0	89.7	92.9	96.1	96.1	98.1	98.1	98.1	98.1
400	7	64.5	76.1	83.9	89.0	89.7	92.9	96.8	96.8	98.7	98.7	98.7	98.7
300	7	64.5	76.1	83.9	89.0	89.7	92.9	96.8	96.8	99.4	99.4	99.4	99.4
200	7	64.5	76.1	83.9	89.0	89.7	92.9	96.8	96.8	100.0	100.0	100.0	100.0
100	7	64.5	76.1	83.9	89.0	89.7	92.9	96.8	96.8	100.0	100.0	100.0	100.0
0	7	64.5	76.1	83.9	89.0	89.7	92.9	96.8	96.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

135

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (P.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	3.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 20000	3.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
18000	3.9	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
16000	3.9	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
14000	3.9	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
12000	3.9	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
10000	3.9	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
9000	3.9	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
8000	3.9	11.0	11.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
7000	6.5	14.2	14.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
6000	7.1	16.1	16.1	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
5000	7.1	16.8	16.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
4500	7.7	18.1	18.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
4000	8.4	21.9	21.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
3500	13.6	34.2	34.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
3000	15.5	40.7	41.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
2500	16.8	52.3	54.2	55.5	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1
2000	18.1	67.1	70.3	72.3	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6
1800	18.1	69.0	72.3	76.1	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
1500	18.7	72.3	77.4	81.9	83.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
1200	18.7	72.9	80.0	87.1	89.7	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9
1000	18.7	73.6	80.7	88.4	91.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8
900	18.7	73.6	80.7	89.0	92.3	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5
800	18.7	73.6	80.7	89.0	92.3	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1
700	18.7	73.6	80.7	89.0	92.3	94.8	96.1	97.4	97.4	98.7	98.7	98.7	98.7
600	18.7	73.6	80.7	89.0	92.3	94.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4
500	18.7	73.6	80.7	89.0	92.3	94.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4
400	18.7	73.6	80.7	89.0	92.3	94.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4
300	18.7	73.6	80.7	89.0	92.3	94.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4
200	18.7	73.6	80.7	89.0	92.3	94.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4
100	18.7	73.6	80.7	89.0	92.3	94.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4
0	18.7	73.6	80.7	89.0	92.3	94.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 20000	6.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
AI 18000	7.1	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
AI 16000	7.1	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
AI 14000	7.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
AI 12000	7.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
AI 10000	7.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
AI 9000	7.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
AI 8000	8.4	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
AI 7000	9.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
AI 6000	9.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
AI 5000	11.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
AI 4500	11.6	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
AI 4000	12.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
AI 3500	15.5	33.6	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
AI 3000	20.0	41.3	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
AI 2500	21.3	52.9	54.8	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
AI 2000	21.9	64.5	69.0	72.9	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
AI 1800	21.9	65.8	71.0	75.5	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
AI 1500	21.9	68.4	74.8	80.0	83.2	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2
AI 1200	21.9	70.3	78.1	84.5	88.4	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3
AI 1000	21.9	71.6	79.4	85.8	89.7	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2
AI 900	21.9	71.6	79.4	85.8	89.7	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2
AI 800	21.9	71.6	79.4	86.5	90.3	90.3	90.3	94.2	94.2	94.2	94.2	94.2	94.2
AI 700	21.9	71.6	79.4	86.5	90.3	90.3	90.3	94.2	94.2	94.2	94.2	94.2	94.2
AI 600	21.9	71.6	79.4	86.5	90.3	90.3	90.3	94.2	94.2	94.2	94.2	94.2	94.2
AI 500	21.9	71.6	79.4	86.5	90.3	90.3	90.3	94.2	94.2	94.2	94.2	94.2	94.2
AI 400	21.9	71.6	79.4	86.5	90.3	90.3	90.3	94.2	94.2	94.2	94.2	94.2	94.2
AI 300	21.9	71.6	79.4	86.5	90.3	90.3	90.3	94.2	94.2	94.2	94.2	94.2	94.2
AI 200	21.9	71.6	79.4	86.5	90.3	90.3	90.3	94.2	94.2	94.2	94.2	94.2	94.2
AI 100	21.9	71.6	79.4	86.5	90.3	90.3	90.3	94.2	94.2	94.2	94.2	94.2	94.2
AI 0	21.9	71.6	79.4	86.5	90.3	90.3	90.3	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS

153

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY (S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.2	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 20000	5.8	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 18000	5.8	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 16000	5.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 14000	5.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 12000	5.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 10000	5.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 9000	5.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 8000	6.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 7000	9.0	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 6000	11.0	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 5000	12.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 4500	13.6	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 4000	15.5	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 3500	18.7	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 3000	21.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 2500	24.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 2000	26.5	69.0	71.6	71.6	72.3	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1800	26.5	69.7	72.9	73.6	74.2	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1500	26.5	73.6	78.7	83.2	84.5	86.5	86.5	86.5	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	26.5	74.8	81.9	87.1	91.0	92.9	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	26.5	76.1	83.2	88.4	92.9	94.8	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	26.5	76.1	83.2	88.4	92.9	94.8	94.8	94.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	26.5	76.8	83.9	89.0	93.6	95.5	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	26.5	76.8	83.9	89.0	93.6	95.5	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	26.5	76.8	83.9	89.0	93.6	95.5	95.5	95.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	26.5	76.8	83.9	89.0	93.6	95.5	95.5	95.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	26.5	76.8	83.9	89.0	93.6	95.5	95.5	95.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	26.5	76.8	83.9	89.0	93.6	95.5	95.5	95.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	26.5	76.8	83.9	89.0	93.6	95.5	95.5	95.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	26.5	76.8	83.9	89.0	93.6	95.5	95.5	95.5	98.7	98.7	98.7	98.7	98.7	98.7
0	26.5	76.8	83.9	89.0	93.6	95.5	95.5	95.5	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	7	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 20000	7	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 18000	7	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 16000	7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 14000	7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 12000	7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 10000	7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 9000	7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 8000	7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 7000	7	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 6000	7	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 5000	7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 4500	7	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 4000	7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 3500	7	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 3000	7	36.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 2500	1.3	53.6	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 2000	1.3	64.5	68.4	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1800	1.3	65.8	70.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1500	1.3	72.3	78.7	83.9	84.5	85.2	86.5	87.1	87.1	87.7	87.7	87.7	87.7
≥ 1200	1.3	72.3	80.7	87.1	88.4	89.0	90.3	91.0	91.0	91.6	91.6	91.6	91.6
≥ 1000	1.3	72.3	80.7	88.4	90.3	91.0	92.3	92.9	92.9	94.2	94.2	94.2	94.2
≥ 900	1.3	72.9	81.3	89.0	91.0	91.6	92.9	93.6	93.6	94.8	94.8	94.8	94.8
≥ 800	1.3	72.9	81.3	89.0	91.0	91.6	93.6	94.8	94.8	96.1	96.1	96.1	96.1
≥ 700	1.3	72.9	81.3	89.7	92.9	93.6	95.5	96.8	96.8	98.1	98.1	98.1	98.1
≥ 600	1.3	72.9	81.3	89.7	92.9	93.6	95.5	96.8	96.8	98.1	98.1	98.1	98.1
≥ 500	1.3	72.9	81.3	89.7	92.9	93.6	95.5	96.8	96.8	98.7	98.7	98.7	98.7
≥ 400	1.3	72.9	81.3	89.7	92.9	93.6	95.5	96.8	96.8	98.7	98.7	98.7	98.7
≥ 300	1.3	72.9	81.3	89.7	92.9	93.6	95.5	96.8	96.8	98.7	98.7	98.7	98.7
≥ 200	1.3	72.9	81.3	89.7	92.9	93.6	95.5	96.8	96.8	98.7	98.7	98.7	98.7
≥ 100	1.3	72.9	81.3	89.7	92.9	93.6	95.5	96.8	96.8	98.7	98.7	98.7	98.7
0	1.3	72.9	81.3	89.7	92.9	93.6	95.5	96.8	96.8	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

135

CEILING VERSUS VISIBILITY

STATION 24704 ADAK, ALASKA STATION NAME YEARS 73-77 MONTH DEC 22 HOURS (S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 20000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 18000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 16000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 14000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 9000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 8000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 7000	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 6000	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 5000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 4500	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 4000	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 3500	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 3000	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 2500	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 2000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 1800	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 1500	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1200	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 900	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 800	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 700	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 600	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 500	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 400	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 300	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 200	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 100	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

STATION NAME

AGAK, ALASKA

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	2.3	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
≥ 20000	2.3	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
18000	2.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
16000	2.4	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
14000	2.5	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
12000	2.5	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
10000	2.5	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
9000	2.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
8000	2.7	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
7000	3.5	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
6000	3.8	18.4	18.4	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
5000	4.1	19.8	19.8	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
4500	4.4	22.2	22.3	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
4000	4.9	26.2	26.3	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
3500	6.3	32.3	32.6	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
3000	7.4	39.4	40.1	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
2500	8.2	52.5	54.3	55.9	56.1	56.1	56.4	56.4	56.4	56.5	56.5	56.5	56.5
2000	8.7	63.5	67.2	69.8	71.0	71.4	71.9	71.9	71.9	72.0	72.0	72.0	72.0
1800	8.7	64.9	69.0	72.2	73.6	74.1	74.7	74.7	74.7	74.8	74.8	74.8	74.8
1500	8.8	68.6	75.1	79.9	82.3	83.3	84.4	84.7	84.7	85.2	85.2	85.2	85.2
1200	8.8	69.8	77.5	84.1	87.2	88.5	89.8	90.2	90.2	90.9	90.9	90.9	90.9
1000	8.8	70.5	78.5	85.5	89.0	90.2	92.0	92.7	92.7	93.8	93.8	93.8	93.8
900	8.8	70.7	78.7	85.9	89.4	90.7	92.5	93.2	93.2	94.4	94.4	94.4	94.4
800	8.8	70.7	78.8	86.1	89.7	91.2	93.2	94.3	94.3	95.7	95.7	95.7	95.7
700	8.8	70.9	79.0	86.4	90.2	91.9	94.0	95.3	95.3	97.2	97.2	97.2	97.2
600	8.8	70.9	79.0	86.4	90.2	91.9	94.4	95.8	95.8	97.8	98.0	98.0	98.0
500	8.8	70.9	79.0	86.6	90.5	92.1	94.7	96.2	96.2	98.4	98.6	98.9	99.0
400	8.8	70.9	79.0	86.6	90.6	92.2	94.8	96.3	96.3	98.6	98.8	99.2	99.4
300	8.8	70.9	79.0	86.6	90.6	92.2	94.8	96.4	96.4	98.7	99.0	99.4	99.5
200	8.8	70.9	79.0	86.6	90.6	92.2	94.8	96.4	96.4	98.8	99.0	99.4	99.6
100	8.8	70.9	79.0	86.6	90.6	92.2	94.8	96.4	96.4	98.9	99.1	99.6	99.8
0	8.8	70.9	79.0	86.6	90.6	92.2	94.8	96.4	96.4	98.9	99.1	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 1240

CEILING VERSUS VISIBILITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	2.9	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
≥ 20000	3.1	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
18000	3.5	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
16000	3.5	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
14000	3.6	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
12000	3.7	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
10000	3.9	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
9000	4.0	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
8000	4.4	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
7000	5.3	13.6	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
6000	5.5	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
5000	5.9	15.0	15.0	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
4500	6.4	16.4	16.5	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
4000	7.2	18.7	18.8	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
3500	8.8	23.8	24.1	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
3000	10.8	32.3	32.8	33.1	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
2500	12.7	43.3	44.7	45.7	46.0	46.0	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2
2000	14.5	54.8	57.3	59.3	60.0	60.1	60.4	60.5	60.5	60.5	60.6	60.7	60.7	60.7	60.7	60.7
1800	14.9	57.6	60.6	63.2	64.0	64.2	64.5	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
1500	15.5	65.1	69.8	74.0	75.6	76.1	76.8	77.2	77.2	77.6	77.6	77.7	77.7	77.7	77.7	77.7
1200	15.6	67.8	73.4	78.7	80.8	81.5	82.5	83.0	83.0	83.5	83.6	83.6	83.6	83.6	83.6	83.6
1000	15.7	70.1	76.6	82.8	85.5	86.4	87.9	88.6	88.6	89.2	89.3	89.4	89.4	89.4	89.4	89.4
900	15.8	70.7	77.4	83.9	86.7	87.7	89.3	90.1	90.1	90.8	90.9	91.0	91.0	91.0	91.0	91.0
800	15.8	71.3	78.4	85.2	88.3	89.5	91.2	92.1	92.2	93.1	93.2	93.3	93.3	93.3	93.3	93.3
700	15.8	71.7	79.0	86.2	89.4	90.6	92.6	93.6	93.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9
600	15.8	72.0	79.5	86.9	90.4	91.6	93.9	95.0	95.1	96.2	96.4	96.5	96.5	96.5	96.5	96.5
500	15.8	72.2	79.8	87.4	91.0	92.4	94.9	96.1	96.2	97.5	97.8	98.0	98.0	98.1	98.1	98.1
400	15.8	72.3	79.9	87.6	91.4	92.8	95.4	96.7	96.8	98.2	98.5	98.8	98.8	98.8	98.8	98.8
300	15.8	72.3	79.9	87.7	91.4	92.8	95.5	96.9	97.0	98.5	98.8	99.1	99.1	99.3	99.3	99.3
200	15.8	72.3	79.9	87.7	91.5	92.9	95.6	97.0	97.2	98.7	99.1	99.4	99.4	99.6	99.6	99.6
100	15.8	72.3	79.9	87.7	91.5	92.9	95.6	97.0	97.2	98.8	99.1	99.2	99.6	99.6	99.8	99.9
0	15.8	72.3	79.9	87.7	91.5	92.9	95.6	97.0	97.2	98.8	99.1	99.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

14607

NAVWEASERVCOM

DATE _____ MONTH _____

PERIOD

STATION NAME

STATION

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	01	.7	2.1	2.1	3.5	.7	1.4	5.7	5.7	8.5	7.8	61.7	8.6	141
	04	.7	1.4	1.4	2.1	1.4	2.8	4.3	2.8	8.5	5.0	69.5	8.8	141
	07	.7	.7	1.4	2.1	2.1	2.1	7.8	9.2	14.2	4.3	55.3	8.5	141
	10			1.4	.7	1.4	3.5	1.4	7.1	13.5	13.5	57.4	8.9	141
	13				1.4	2.1	2.1	5.0	7.8	17.7	8.5	55.3	8.8	141
	16			.7	2.8	.7	2.1	3.5	8.5	11.3	9.2	61.0	8.9	141
	19			.7	.7	2.1	2.8	4.3	5.7	12.8	7.8	63.1	9.0	141
	22	1.4	1.4	.7	.7	4.3	5.0	3.5	7.8	5.7	4.3	65.2	8.6	141
TOTALS		.4	.7	1.1	1.8	1.9	2.7	4.4	6.8	11.5	7.6	61.1	8.8	1128

SKY COVER

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

PERIOD

APR
MONTH

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	01	1.3	.7	.7	2.0	1.3	.7	4.7	5.3	8.7	7.3	67.3	8.9	150
	04	.7	1.3	1.3	.7	.7	.7	6.7	4.7	6.0	3.3	74.0	9.0	150
	07	1.3		.7	2.0	.7	.7	2.7	3.3	11.3	8.7	68.7	9.1	150
	10				1.3	.7	1.3	1.3	6.0	15.3	11.3	62.7	9.1	150
	13				1.3			1.3	5.3	16.0	7.3	66.7	9.2	150
	16				2.0	.7	4.0	2.7	4.7	13.3	15.3	57.3	9.0	150
	19				.7	1.3	.7	4.7	7.3	13.3	17.3	54.7	9.0	150
	22	1.3		.7	2.0	.7	1.3	5.3	4.0	11.3	6.0	67.3	8.9	150
TOTALS		6.3	3.3	5.4	1.5	.8	1.4	2.7	5.1	11.9	9.6	64.8	9.0	1200

SKY COVER

5704 SKY COVER JAN 68

23704
STATION

ADAK, ALASKA

STATION NAME

73-77

PERIOD

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
JUN	01	1.3		1.3			.7		2.7	2.0	.7	91.3	150
	04		.7			.7	2.0	.7	.7	2.7	6.0	86.7	150
	07		.7	.7			.7	1.3	1.3	4.0	6.7	84.7	150
	10		.7		1.3	.7	1.3	.7	2.0	5.3	8.0	80.0	150
	13		.7		2.7	1.3	1.3	.7	4.0	10.7	8.0	70.7	150
	16	.7	.7		1.3		.7	2.0	3.3	10.7	10.7	70.0	150
	19		.7	2.0	.7	.7	2.0		2.7	7.3	7.3	76.7	150
	22	.7			1.3	.7		2.0	2.0	2.0	9.3	82.0	150
TOTALS		.3	.5	.5	.9	.5	1.1	.9	2.3	5.6	7.1	80.3	1200

SKY COVER

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

PERIOD

AUG
MONTH

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	01		.6		.6	1.3		.6	3.2	2.6	1.3	89.7	9.6	155
	04			.6	1.3		.6		3.9	2.6	1.3	89.7	9.6	155
	07							.6	1.9	5.2	5.8	86.5	9.8	155
	10		1.9			1.3	.6	1.3	3.2	5.2	4.5	81.9	9.4	155
	13		.6	1.3	1.3	.6	.6		1.9	8.4	7.7	77.4	9.4	155
	16	.6	.6	1.3	.6	1.3	.6	.6	1.9	5.2	10.3	76.8	9.3	155
	19	.6	.6	.6		1.9	.6		2.6	4.5	7.7	81.3	9.5	155
	22	.6			1.3	.6	.6	2.6		3.2	1.3	89.7	9.6	155
TOTALS		2	.5	.5	.6	.9	.5	.7	2.3	4.6	5.0	84.1	9.5	1240

SKY COVER

5704 SKY COVER JAN 68

SEP
MONTH

73-77

PERIOD

ADAK, ALASKA

STATION NAME

25704
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	01	.7	2.7	1.3	.7	4.7	2.7	8.0	4.0	9.3	3.3	62.7	8.5	150
	04	2.7	.7	1.3	4.0	.7	2.0	2.0	8.7	6.7	5.3	66.0	8.6	150
	07		.7	1.3		2.7	4.0	2.7	8.0	8.0	10.0	62.7	8.9	150
	10		.7		1.3	2.7	3.3	2.0	4.7	10.7	12.0	62.7	9.0	150
	13			1.3	2.0	1.3	2.0	2.7	4.7	14.7	12.0	59.3	8.9	150
	16			1.3	1.3	1.3	3.3	3.3	6.7	14.0	10.7	58.0	8.8	150
	19		.7	.7		4.0	2.7	3.3	2.7	12.7	11.3	62.0	8.9	150
	22		1.3	2.0	2.7	1.3	2.7	5.3	4.0	11.3	5.3	64.0	8.7	150
TOTALS		.4	.9	1.2	1.5	2.3	2.8	3.7	5.4	10.9	8.7	62.2	8.8	1200

25704 ADAK, ALASKA
STATION

73-77

STATION NAME

PERIOD

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	01	.6	.6	1.3	1.9	3.2	2.6	2.6	8.4	11.0	7.7	60.0	8.7	155
	04	.6		3.2	3.2	4.5	3.2	5.8	5.2	7.1	3.2	63.9	8.5	155
	07			1.9		1.9	3.2	6.5	4.5	15.5	13.5	52.9	8.7	155
	10			1.9	1.3	1.9	2.6	1.9	5.8	11.0	16.1	57.4	8.9	155
	13			.6		3.2	2.6	3.2	8.4	14.8	11.0	56.1	8.8	155
	16			.6	.6	1.9	1.9	3.2	8.4	18.1	13.5	51.6	8.8	155
	19			1.9	1.9	3.9	3.2	1.9	9.0	15.5	11.0	51.6	8.5	155
	22		1.9	1.3	.6	5.2	1.9	6.5	6.5	11.0	7.1	58.1	8.5	155
TOTALS		.2	.3	1.6	1.2	3.2	2.7	4.0	7.0	13.0	10.4	56.5	8.7	1240

SKY COVER

STATION
25704

ADAK, ALASKA

STATION NAME

73-77

PERIOD

NOV
MONTH

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	01	1.3	2.0	3.3	1.3	4.7	2.0	5.3	8.0	12.7	10.7	48.7	8.1	150
	04	1.3	2.7	1.3	4.7	4.7	3.3	6.7	8.0	9.3	6.7	51.3	8.0	150
	07	2.0	.7	2.0	2.0	2.7	4.7	3.3	10.7	9.3	8.7	54.0	8.3	150
	10			1.3	2.0	2.7	1.3	4.7	7.3	16.0	14.7	50.0	8.7	150
	13			2.0	1.3	2.0	2.0	2.7	6.0	12.0	15.3	56.7	8.8	150
	16			1.3	1.3	.7	4.0	.7	8.7	15.3	14.7	53.3	8.8	150
	19		.7	2.7	.7	6.0	1.3	4.7	4.7	20.0	8.0	51.3	8.4	150
	22	1.3	.7	1.3	2.7	4.0	4.0	4.0	8.7	14.0	11.3	48.0	8.3	150
TOTALS		.7	.9	1.9	2.0	3.4	2.8	4.0	7.8	13.6	11.3	51.7	8.4	1200

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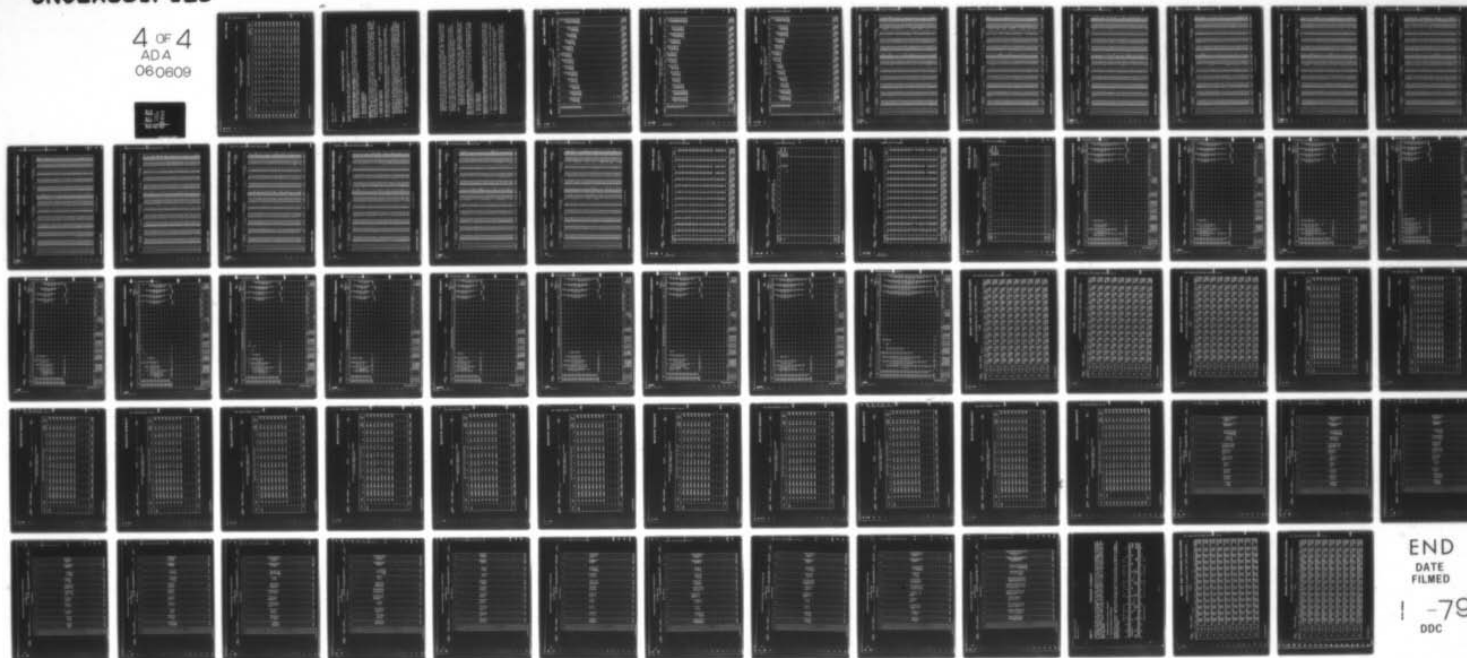
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), ADAK, A--ETC(U)
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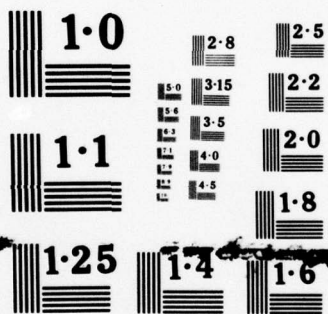
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NATIONAL BUREAU OF STANDARDS
MICROCOPY RESOLUTION TEST CHART

SKY COVER

5704 SKY COVER JAN 68

25704 STATION ADAK, ALASKA

73-77

PERIOD

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	1.0	.8	1.5	2.3	3.4	2.3	3.6	5.3	9.7	7.8	62.3	8.6	1240
FEB		.4	.7	1.1	1.8	1.9	2.7	4.4	6.8	11.5	7.6	61.1	8.8	1128
MAR			.4	.8	.5	1.0	2.2	4.8	6.4	12.8	9.4	61.8	9.0	1240
APR		.6	.3	.4	1.5	.8	1.4	3.7	5.1	11.9	9.6	64.8	9.0	1200
MAY			.3	.2	.6	.6	1.0	1.8	4.9	10.0	10.7	69.8	9.3	1240
JUN		.3	.5	.5	.9	.5	1.1	.9	2.3	5.6	7.1	80.3	9.4	1200
JUL		.3	.5	.7	1.2	1.0	1.5	1.4	2.0	6.6	6.6	78.2	9.3	1240
AUG		.2	.5	.5	.6	.9	.5	.7	2.3	4.6	5.0	84.1	9.5	1240
SEP		.4	.9	1.2	1.5	2.3	2.8	3.7	5.4	10.9	8.7	62.2	8.8	1200
OCT		.2	.3	1.6	1.2	3.2	2.7	4.0	7.0	13.0	10.4	56.5	8.7	1240
NOV		.7	.9	1.9	2.0	3.4	2.8	4.0	7.8	13.6	11.3	51.7	8.4	1200
DEC		1.1	.6	1.8	2.0	2.3	3.8	3.4	7.6	11.0	7.9	58.5	8.6	1240
TOTALS		.4	.6	1.0	1.3	1.8	2.1	3.0	5.2	10.1	8.5	65.9	9.0	14608

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

- a. Daily maximum temperature
- b. Daily minimum temperature
- c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

23704
STATION

ADAK, ALASKA STATION NAME

STATION NAME

49.77

YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

[illegible]

DAILY TEMPERATURES

23704
STATION

ADAK, ALASKA

STATION NAME

49-77

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
55							1.2	2.7					.0
60							8.1	16.2					.3
65							39.6	70.6	1.6				2.2
70							95.2	99.7	29.5	2.8			12.5
75							100.0	100.0	91.7	30.1	.5		32.3
80									99.8	80.5	3.9	.7	52.8
85									100.0	99.0	28.3	10.2	79.4
90										100.0	78.8	50.5	94.5
95											97.3	85.0	99.1
100											99.8	98.7	100.0
105											100.0	100.0	100.0
110													100.0
115													
120													
125													
130													
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855		</											

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25704

ADAK, ALASKA

1950-1977

JANUARY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP				MAXIMUM TEMP				MINIMUM TEMP				
	AVERAGE		EXTREME		AVERAGE		EXTREME		AVERAGE		EXTREME		
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	33.4	0.8	37.7	3.2	47	8.3	1956	1956	29.0	-1.7	16	-8.9	1962
2	33.7	0.9	38.1	3.4	45	7.2	1956*	1956*	29.2	-1.6	15	-9.4	1964
3	32.8	0.4	36.8	2.7	46	7.8	1967	1967	28.9	-1.7	3	-16.1	1963
4	33.2	0.7	37.3	2.9	49	9.4	1952	1952	29.0	-1.7	13	-10.6	1975*
5	33.2	0.7	37.2	2.9	48	8.9	1957	1957	29.0	-1.6	10	-12.2	1975
6	33.6	0.9	37.6	3.1	45	7.2	1969*	1969*	29.5	-1.4	18	-7.8	1962*
7	33.2	0.7	37.3	2.9	50	10.0	1969	1969	29.2	-1.6	15	-9.4	1967*
8	33.3	0.7	38.0	3.3	46	7.8	1957	1957	28.6	-1.9	9	-12.8	1967
9	34.5	1.4	38.1	3.4	46	7.8	1971	1971	30.9	-0.6	17	-8.3	1962
10	34.1	1.2	37.8	3.2	47	8.3	1962	1962	30.4	-0.9	13	-10.6	1958
11	34.1	1.2	37.6	3.1	48	8.9	1971	1971	30.5	-0.8	13	-10.6	1958
12	34.5	1.4	38.5	3.6	48	8.9	1971	1971	30.4	-0.9	19	-7.2	1967
13	33.5	0.8	37.6	3.1	48	8.9	1957	1957	29.4	-1.4	13	-10.6	1951
14	33.2	0.7	37.1	2.8	47	8.3	1952	1952	29.4	-1.4	15	-9.4	1953
15	33.5	0.8	36.8	2.7	43	6.1	1962*	1962*	30.2	-1.0	17	-8.3	1953
16	33.7	0.9	37.2	2.9	44	6.7	1962	1962	30.1	-1.1	22	-5.6	1967
17	33.2	0.7	36.2	2.3	47	8.3	1962	1962	30.1	-1.1	22	-5.6	1965
18	32.6	0.3	35.9	2.2	44	6.7	1962*	1962*	29.2	-1.6	16	-8.9	1975
19	32.4	0.2	36.0	2.2	45	7.2	1952	1952	28.9	-1.7	6	-14.4	1975
20	32.4	0.2	36.0	2.2	45	7.2	1963	1963	28.9	-1.7	12	-11.1	1975
21	32.5	0.3	36.2	2.3	45	7.2	1963	1963	28.8	-1.8	15	-9.4	1965
22	32.6	0.3	36.5	2.5	43	6.1	1969	1969	28.6	-1.9	10	-12.2	1970
23	32.3	0.2	36.9	2.7	44	6.7	1968	1968	27.7	-2.4	14	-10.0	1967
24	33.6	0.9	37.9	3.3	44	6.7	1968	1968	29.4	-1.4	12	-11.1	1965
25	34.1	1.2	37.7	3.2	46	7.8	1957	1957	30.6	-0.8	19	-7.2	1966
26	34.4	1.3	37.8	3.2	47	8.3	1973	1973	31.1	-0.5	18	-7.8	1958
27	34.0	1.1	37.7	3.2	47	8.3	1973	1973	30.4	-0.9	13	-10.6	1964
28	33.9	1.1	37.7	3.2	50	10.0	1968	1968	30.0	-1.1	17	-8.3	1964
29	33.7	0.9	36.7	2.6	48	8.9	1968	1968	30.7	-0.7	16	-8.9	1970
30	32.5	0.3	36.0	2.2	45	7.2	1968	1968	29.0	-1.7	17	-8.3	1973*
31	32.1	0.1	36.1	2.3	44	6.7	1958	1958	28.1	-2.2	19	-7.2	1976*
Monthly	33.3	0.7	37.2	2.9	50	10.0	1969*	1969*	29.5	-1.4	3	-16.1	1963

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25704

ADAK, ALASKA

1950-1977

FEBRUARY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP			AVERAGE			MINIMUM TEMP			DATE
	° F	° C	AVERAGE	° F	° C	EXTREME	° F	° C	AVERAGE	° F	° C	
1	31.4	-0.3	34.6	1.4	7.2	45	28.2	-2.1	26.4	16	-8.9	1960
2	30.9	-0.6	35.3	1.8	6.7	44	26.4	-3.1	27.6	13	-10.6	1967*
3	31.9	-0.1	36.3	2.4	6.1	43	27.6	-2.4	28.6	3	-16.1	1964
4	32.8	0.4	37.0	2.8	10.0	50	28.6	-1.9	29.8	10	-12.2	1967
5	33.1	0.6	36.5	2.5	7.2	45	29.8	-1.2	29.2	16	-8.9	1952
6	32.9	0.5	36.5	2.5	6.1	43	29.2	-1.6	28.4	14	-10.0	1964
7	32.9	0.5	37.4	3.0	6.1	43	28.4	-2.0	29.0	8	-13.3	1964
8	32.9	0.5	36.9	2.7	6.1	43	29.0	-1.7	29.6	11	-11.7	1964
9	33.5	0.8	37.4	3.0	5.6	42	29.6	-1.3	29.0	16	-8.9	1967
10	32.9	0.5	36.9	2.7	6.1	43	29.0	-1.7	28.0	11	-11.7	1965
11	32.4	0.2	36.9	2.7	8.9	48	28.0	-2.2	29.4	6	-14.4	1965
12	33.3	0.7	37.2	2.9	6.7	44	29.4	-1.4	29.4	19	-7.2	1967*
13	33.1	0.6	36.8	2.7	6.7	44	29.4	-1.4	29.5	19	-7.2	1953
14	33.2	0.7	36.9	2.7	6.1	43	29.5	-1.4	28.7	14	-10.0	1973
15	32.9	0.5	37.0	2.8	7.2	45	28.7	-1.8	28.1	11	-11.7	1973
16	32.4	0.2	36.6	2.6	6.1	43	28.1	-2.2	29.6	10	-12.2	1973
17	33.2	0.7	36.7	2.6	8.3	47	29.6	-1.3	28.2	15	-9.4	1971
18	32.4	0.2	36.6	2.6	8.3	47	28.2	-2.1	27.6	16	-8.9	1971
19	32.2	0.1	36.5	2.5	8.3	47	27.6	-2.3	28.8	15	-9.4	1975
20	32.4	0.2	36.0	2.2	7.2	45	28.8	-1.8	27.8	13	-10.6	1971
21	31.8	-0.1	35.8	2.1	7.2	45	27.8	-2.3	27.5	7	-13.9	1971
22	32.0	0.0	36.6	2.6	7.2	45	27.5	-2.5	29.2	6	-14.4	1971
23	33.2	0.7	37.2	2.9	7.8	46	29.2	-1.6	28.4	15	-9.4	1971
24	33.0	0.6	37.6	3.1	7.8	46	28.4	-2.0	29.0	14	-10.0	1971
25	33.1	0.6	37.2	2.9	8.9	48	29.0	-1.7	28.5	14	-10.0	1958
26	32.8	0.4	37.2	2.9	8.3	47	28.5	-1.9	28.6	17	-8.3	1954
27	33.3	0.7	37.9	3.3	8.3	47	28.6	-1.9	28.6	12	-11.1	1957
28	33.0	0.6	37.4	3.0	8.3	47	28.6	-1.9	26.6	11	-11.7	1957
29	30.7	-0.7	34.9	1.6	3.9	39	26.6	-3.0		21	-6.1	1964
30												
31												
Monthly	32.7	0.4	36.7	2.6	10.0	50	28.6	-1.9		3	-16.1	1964

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25704

ADAK, ALASKA

1950-1977

MARCH

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	DATE	DATE	° F	° C	° F	° C	° F	° C	DATE	DATE
1	33.6	0.9	37.9	3.3	47	8.3	29.4	-1.4	17	1974	29.4	-1.4	17	-8.3	1959			
2	33.7	0.9	38.5	3.6	44	6.7	28.9	-1.7	13	1955	28.9	-1.7	13	-10.6	1959			
3	34.0	1.1	39.6	4.2	46	7.8	28.5	-1.9	15	1962	28.5	-1.9	15	-9.4	1959			
4	34.3	1.3	38.7	3.7	44	6.7	29.9	-1.2	18	1973	29.9	-1.2	18	-7.8	1967*			
5	34.8	1.6	39.0	3.9	48	8.9	30.6	-0.8	19	1966	30.6	-0.8	19	-7.2	1967			
6	35.1	1.7	38.9	3.8	49	9.4	31.4	-0.3	23	1966	31.4	-0.3	23	-5.0	1965			
7	35.2	1.8	38.8	3.8	46	7.8	31.6	-0.2	26	1971	31.6	-0.2	26	-3.3	1977*			
8	35.0	1.7	38.9	3.8	51	10.6	31.1	-0.5	24	1967	31.1	-0.5	24	-4.4	1977			
9	34.2	1.2	38.0	3.3	44	6.7	30.5	-0.8	22	1967	30.5	-0.8	22	-5.6	1964			
10	33.8	1.0	38.0	3.3	42	5.6	29.5	-1.4	20	1974*	29.5	-1.4	20	-6.7	1971*			
11	34.1	1.2	38.7	3.7	48	8.9	29.4	-1.4	13	1964	29.4	-1.4	13	-10.6	1971			
12	34.2	1.2	38.0	3.3	48	8.9	30.3	-0.9	21	1967	30.3	-0.9	21	-6.1	1971*			
13	34.5	1.4	38.5	3.6	45	7.2	30.4	-0.9	19	1967*	30.4	-0.9	19	-7.2	1971			
14	33.9	1.1	38.3	3.5	47	8.3	29.5	-1.4	16	1962	29.5	-1.4	16	-8.9	1973*			
15	34.1	1.2	38.5	3.6	45	7.2	29.6	-1.3	20	1963	29.6	-1.3	20	-6.7	1961			
16	33.8	1.0	37.9	3.3	46	7.8	29.6	-1.3	18	1967	29.6	-1.3	18	-7.8	1961			
17	34.6	1.4	38.7	3.7	44	6.7	30.5	-0.8	20	1966	30.5	-0.8	20	-6.7	1971			
18	34.9	1.6	38.9	3.8	50	10.0	30.9	-0.6	18	1973	30.9	-0.6	18	-7.8	1972			
19	34.5	1.4	38.4	3.6	44	6.7	30.5	-0.8	24	1967	30.5	-0.8	24	-4.4	1971*			
20	34.4	1.3	39.0	3.9	47	8.3	29.8	-1.2	20	1965	29.8	-1.2	20	-6.7	1972			
21	34.0	1.1	38.3	3.5	44	6.7	29.7	-1.3	18	1962*	29.7	-1.3	18	-7.8	1972			
22	35.0	1.7	39.2	4.0	45	7.2	30.7	-0.7	18	1964*	30.7	-0.7	18	-7.8	1970			
23	35.4	1.9	39.5	4.2	45	7.2	31.2	-0.4	23	1969	31.2	-0.4	23	-5.0	1975*			
24	35.4	1.9	39.2	4.0	47	8.3	31.5	-0.3	15	1965	31.5	-0.3	15	-9.4	1975			
25	34.9	1.6	38.9	3.8	46	7.8	30.8	-0.7	21	1962	30.8	-0.7	21	-6.1	1977*			
26	34.3	1.3	38.3	3.5	44	6.7	30.4	-0.9	21	1969	30.4	-0.9	21	-6.1	1968			
27	34.7	1.5	38.6	3.7	46	7.8	30.7	-0.7	21	1965	30.7	-0.7	21	-6.1	1972*			
28	35.3	1.8	39.2	4.0	48	8.9	31.5	-0.3	17	1969	31.5	-0.3	17	-8.3	1975			
29	35.5	1.9	39.3	4.1	47	8.3	31.7	-0.2	23	1971*	31.7	-0.2	23	-5.0	1975			
30	34.6	1.4	38.9	3.8	47	8.3	30.4	-0.9	21	1967	30.4	-0.9	21	-6.1	1973			
31	35.8	2.1	39.2	4.0	49	9.4	32.4	0.2	21	1971	32.4	0.2	21	-6.1	1975			
Monthly	34.6	1.4	38.7	3.7	51	10.6	30.4	-0.9	13	1967	30.4	-0.9	13	-10.6	1971*			

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25 DAILY AVERAGE/EXTREME TEMP MAR 1978

25704

ADAK, ALASKA

STATION NAME

YEARS

1950-1977

APRIL

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	DATE	DATE	° F	° C	° F	° C	° F	° C	DATE	DATE
1	35.1	1.7	38.7	3.7	44	6.7	44	6.7	1967	1967	31.4	-0.3	26	-3.3	26	-3.3	1966*	1966*
2	35.4	1.9	39.2	4.0	47	8.3	47	8.3	1964	1964	31.5	-0.3	24	-4.4	24	-4.4	1971*	1971*
3	36.0	2.2	40.3	4.6	47	8.3	47	8.3	1969	1969	31.7	-0.2	24	-4.4	24	-4.4	1966	1966
4	36.3	2.4	40.4	4.7	45	7.2	45	7.2	1971*	1971*	32.1	0.1	22	-5.6	22	-5.6	1968	1968
5	35.7	2.1	39.7	4.3	45	7.2	45	7.2	1973*	1973*	31.6	-0.2	24	-4.4	24	-4.4	1976*	1976*
6	36.1	2.3	40.3	4.6	46	7.8	46	7.8	1966	1966	32.0	0.0	26	-3.3	26	-3.3	1968	1968
7	37.0	2.8	41.4	5.2	48	8.9	48	8.9	1954	1954	32.5	0.3	23	-5.0	23	-5.0	1971	1971
8	36.7	2.6	40.8	4.9	51	10.6	51	10.6	1967	1967	32.6	0.3	23	-5.0	23	-5.0	1976	1976
9	36.7	2.6	41.0	5.0	48	8.9	48	8.9	1972	1972	32.5	0.3	27	-2.8	27	-2.8	1966	1966
10	37.4	3.0	41.7	5.4	50	10.0	50	10.0	1972	1972	33.0	0.6	25	-3.9	25	-3.9	1977	1977
11	36.4	2.4	40.7	4.8	49	9.4	49	9.4	1966	1966	32.1	0.1	22	-5.6	22	-5.6	1976	1976
12	36.2	2.3	39.9	4.4	46	7.8	46	7.8	1971	1971	32.6	0.3	26	-3.3	26	-3.3	1977*	1977*
13	36.9	2.7	40.9	4.9	47	8.3	47	8.3	1965	1965	32.9	0.5	23	-3.9	23	-3.9	1971	1971
14	36.9	2.7	41.2	5.1	46	7.8	46	7.8	1970*	1970*	32.6	0.3	22	-5.6	22	-5.6	1971	1971
15	36.6	2.6	41.0	5.0	47	8.3	47	8.3	1959	1959	32.2	0.1	26	-3.3	26	-3.3	1977*	1977*
16	36.0	2.2	39.7	4.3	46	7.8	46	7.8	1965	1965	32.2	0.1	24	-4.4	24	-4.4	1976	1976
17	36.9	2.7	41.0	5.0	46	7.8	46	7.8	1965	1965	32.7	0.4	28	-2.2	28	-2.2	1971	1971
18	37.5	3.1	41.9	5.5	50	10.0	50	10.0	1965	1965	33.1	0.6	27	-2.8	27	-2.8	1952	1952
19	37.9	3.3	41.8	5.4	52	11.1	52	11.1	1965	1965	33.9	1.1	26	-3.3	26	-3.3	1964	1964
20	38.3	3.5	42.9	6.1	56	13.3	56	13.3	1962	1962	33.7	0.9	21	-6.1	21	-6.1	1964	1964
21	38.5	3.6	43.0	6.1	49	9.4	49	9.4	1962	1962	34.0	1.1	28	-2.2	28	-2.2	1976	1976
22	38.3	3.5	42.9	6.1	50	10.0	50	10.0	1961	1961	33.7	0.9	27	-2.8	27	-2.8	1960	1960
23	38.0	3.3	42.3	5.7	50	10.0	50	10.0	1963	1963	33.8	1.0	25	-3.9	25	-3.9	1960	1960
24	38.8	3.8	43.0	6.1	53	11.7	53	11.7	1967	1967	34.6	1.4	29	-1.7	29	-1.7	1972	1972
25	38.0	3.3	42.1	5.6	49	9.4	49	9.4	1967	1967	33.9	1.1	29	-1.7	29	-1.7	1971*	1971*
26	38.4	3.6	42.9	6.1	53	11.7	53	11.7	1961	1961	33.8	1.0	28	-2.2	28	-2.2	1971*	1971*
27	38.6	3.7	42.7	5.9	48	8.9	48	8.9	1971	1971	34.6	1.4	30	-1.1	30	-1.1	1976*	1976*
28	38.7	3.7	42.7	5.9	50	10.0	50	10.0	1965	1965	34.8	1.6	30	-1.1	30	-1.1	1974*	1974*
29	38.9	3.8	43.0	6.1	48	8.9	48	8.9	1958	1958	34.8	1.6	28	-2.2	28	-2.2	1963	1963
30	38.0	3.3	42.2	5.7	50	10.0	50	10.0	1966	1966	33.7	0.9	26	-3.3	26	-3.3	1972*	1972*
31																		
Monthly	37.2	2.9	41.4	5.2	56	13.3	56	13.3	1962	1962	33.0	0.6	21	-6.1	21	-6.1	1964	1964

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25704

ADAK, ALASKA

1950-1977

MAY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP					
	AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME			
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C		
1	38.1	3.4	42.4	5.8	47	8.3	1966*	33.8	1.0	25	-3.9	1963
2	38.3	3.5	42.7	5.9	53	11.7	1952	34.0	1.1	22	-5.6	1971
3	38.6	3.7	43.2	6.2	58	14.4	1952	34.0	1.1	20	-6.7	1971
4	39.5	4.2	43.5	6.4	57	13.9	1952	35.5	1.9	27	-2.8	1971
5	39.6	4.2	44.0	6.7	54	12.2	1952	35.2	1.8	26	-3.3	1971
6	39.6	4.2	43.4	6.3	48	8.9	1970*	35.7	2.1	26	-3.3	1971
7	39.9	4.4	44.0	6.7	49	9.4	1971*	35.8	2.1	28	-2.2	1965
8	39.8	4.3	44.2	6.8	50	10.0	1968	35.4	1.9	29	-1.7	1964
9	40.0	4.4	44.7	7.1	50	10.0	1969*	35.2	1.8	29	-1.7	1953
10	40.2	4.6	44.5	6.9	53	11.7	1967	36.0	2.2	31	-0.6	1976*
11	40.3	4.6	44.5	6.9	53	11.7	1968	36.2	2.3	30	-1.1	1971
12	39.9	4.4	44.1	6.7	55	12.8	1967	35.6	2.0	28	-2.2	1965
13	40.1	4.5	44.0	6.7	51	10.6	1967	36.2	2.3	30	-1.1	1971
14	40.2	4.6	44.1	6.7	50	10.0	1967	36.2	2.3	29	-1.7	1966
15	40.7	4.8	44.6	7.0	53	11.7	1967	36.8	2.7	29	-1.7	1971
16	41.0	5.0	45.4	7.4	61	16.1	1964	36.6	2.6	30	-1.1	1971
17	40.4	4.7	44.7	7.1	50	10.0	1971*	36.1	2.3	30	-1.1	1956
18	40.6	4.8	44.7	7.1	48	8.9	1965*	36.4	2.4	30	-1.1	1955
19	40.8	4.9	45.0	7.2	55	12.8	1967	36.6	2.6	31	-0.6	1955
20	41.3	5.2	45.5	7.5	57	13.9	1967	37.0	2.8	34	1.1	1977*
21	41.0	5.0	44.8	7.1	49	9.4	1971*	37.2	2.9	30	-1.1	1965
22	41.3	5.2	45.2	7.3	55	12.8	1964	37.3	2.9	30	-1.1	1965
23	41.3	5.2	45.5	7.5	54	12.2	1961	37.0	2.8	32	0.0	1966
24	41.0	5.0	45.0	7.2	51	10.6	1965	37.0	2.8	30	-1.1	1976
25	41.3	5.2	45.3	7.4	52	11.1	1963	37.4	3.0	30	-1.1	1976
26	41.9	5.5	45.9	7.7	52	11.1	1963	38.0	3.3	33	0.6	1976
27	42.4	5.8	46.7	8.2	60	15.6	1964	38.0	3.3	33	0.6	1960
28	42.5	5.8	46.7	8.2	65	18.3	1964	38.3	3.5	31	-0.6	1972
29	42.4	5.8	46.1	7.8	55	12.8	1962	38.6	3.7	34	1.1	1975*
30	42.7	5.9	47.1	8.4	59	15.0	1972	38.3	3.5	31	-0.6	1974
31	42.7	5.9	47.2	8.4	58	14.4	1972	38.2	3.4	31	-0.6	1969
Monthly	40.6	4.8	44.8	7.1	65	18.3	1964	36.4	2.4	20	-6.7	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25704

ADAK, ALASKA

1950-1977

JUNE

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	43.0	6.1	47.6	8.7	56	13.3	38.4	3.6	30	-1.1	30	-1.1	1969
2	42.4	5.8	46.4	8.0	56	13.3	38.3	3.5	29	-1.7	29	-1.7	1971
3	43.1	6.2	47.1	8.4	55	12.8	39.1	3.9	35	1.7	35	1.7	1973*
4	43.2	6.2	47.1	8.4	59	15.0	39.3	4.1	35	1.7	35	1.7	1973
5	42.4	5.8	45.9	7.7	52	11.1	38.9	3.8	34	1.1	34	1.1	1973*
6	42.8	6.0	46.5	8.1	53	11.7	39.1	3.9	34	1.1	34	1.1	1971
7	43.5	6.4	47.6	8.7	54	12.2	39.5	4.2	37	2.8	37	2.8	1975*
8	42.8	6.0	46.4	8.0	51	10.6	39.3	4.1	34	1.1	34	1.1	1971
9	43.6	6.4	47.4	8.6	53	11.7	39.7	4.3	34	1.1	34	1.1	1971
10	43.4	6.3	47.2	8.4	58	14.4	39.6	4.2	32	0.0	32	0.0	1972
11	43.9	6.6	48.4	9.1	58	14.4	39.4	4.1	32	0.0	32	0.0	1973
12	44.1	6.7	47.9	8.8	58	14.4	40.2	4.6	34	1.1	34	1.1	1969
13	43.6	6.6	47.6	8.7	55	12.8	40.0	4.4	35	1.7	35	1.7	1969
14	44.5	6.9	49.1	9.5	58	14.4	39.9	4.4	35	1.7	35	1.7	1973*
15	44.0	6.7	48.1	8.9	54	12.2	39.8	4.3	30	-1.1	30	-1.1	1965
16	44.9	7.2	49.3	9.6	54	12.2	40.5	4.7	31	-0.6	31	-0.6	1973
17	45.1	7.3	49.5	9.7	62	16.7	40.7	4.8	35	1.7	35	1.7	1971
18	45.1	7.3	49.0	9.4	56	13.3	41.1	5.1	33	0.6	33	0.6	1974
19	46.1	7.8	50.4	10.2	60	15.6	41.9	5.5	40	4.4	40	4.4	1976*
20	45.5	7.5	49.4	9.7	55	12.8	41.6	5.3	37	2.8	37	2.8	1960
21	45.8	7.7	50.1	10.1	59	15.0	41.5	5.3	38	3.3	38	3.3	1976
22	45.5	7.5	49.9	9.9	58	14.4	41.1	5.1	37	2.8	37	2.8	1971
23	45.5	7.5	49.5	9.7	59	15.0	41.5	5.3	38	3.3	38	3.3	1971
24	45.7	7.6	50.0	10.0	58	14.4	41.5	5.3	37	2.8	37	2.8	1971
25	46.4	8.0	50.9	10.5	65	18.3	41.9	5.5	36	2.2	36	2.2	1970
26	46.6	8.1	50.8	10.4	59	15.0	42.4	5.8	37	2.8	37	2.8	1971
27	46.9	8.3	51.8	11.0	63	17.2	42.0	5.6	38	3.3	38	3.3	1967*
28	46.6	8.1	50.4	10.2	59	15.0	42.8	6.0	38	3.3	38	3.3	1971*
29	46.0	7.8	49.7	9.8	57	13.9	42.3	5.7	39	3.9	39	3.9	1971*
30	46.4	8.0	50.1	10.1	58	14.4	42.7	5.9	38	3.3	38	3.3	1963
31													
Monthly	44.6	7.0	48.7	9.3	65	18.3	40.5	4.7	29	-1.7	29	-1.7	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION

25704

ADAK, ALASKA

STATION NAME

1950-1977

YEARS

JULY

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME		
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	47.2	8.4	51.9	11.1	61	16.1	42.6	5.9	38	3.3	1963*
2	47.2	8.4	51.4	10.8	65	18.3	43.0	6.1	37	2.8	1975
3	47.7	8.7	52.6	11.4	62	16.7	42.8	6.0	34	1.1	1976
4	48.0	8.9	52.3	11.3	60	15.6	43.6	6.4	37	2.8	1971
5	47.8	8.8	52.2	11.2	65	18.3	43.4	6.3	38	3.3	1964
6	47.7	8.7	52.0	11.1	59	15.0	43.4	6.3	39	3.9	1966
7	47.5	8.6	51.7	10.9	60	15.6	43.2	6.2	39	3.9	1973
8	47.7	8.7	52.0	11.1	64	17.8	43.4	6.3	38	3.3	1952
9	48.4	9.1	53.1	11.7	63	17.2	43.8	6.6	37	2.8	1971
10	47.7	8.7	51.4	10.8	61	16.1	44.1	6.7	37	2.8	1971
11	47.9	8.8	52.0	11.1	59	15.0	43.7	6.5	37	2.8	1971
12	48.4	9.1	53.0	11.7	66	18.9	43.7	6.5	38	3.3	1971
13	47.7	8.7	51.5	10.8	57	13.9	44.0	6.7	37	2.8	1971
14	48.2	9.0	52.0	11.1	63	17.2	44.3	6.8	36	2.2	1971
15	48.8	9.3	53.0	11.7	58	14.4	44.7	7.1	40	4.4	1971
16	46.7	9.3	52.6	11.4	65	18.3	44.7	7.1	38	3.3	1971
17	49.2	9.6	53.8	12.1	64	17.8	44.6	7.0	36	2.2	1971
18	49.5	9.7	54.2	12.3	65	18.3	44.9	7.2	36	2.2	1971
19	49.6	9.8	53.9	12.2	62	16.7	45.3	7.4	38	3.3	1971
20	49.6	9.8	54.5	12.5	70	21.1	44.7	7.1	36	2.2	1971
21	49.7	9.8	54.6	12.6	69	20.6	44.7	7.1	39	3.9	1971
22	49.2	9.6	54.3	12.4	63	17.2	44.2	6.8	36	2.2	1971
23	50.2	10.1	55.6	13.1	70	21.1	44.9	7.2	33	0.6	1971
24	50.7	10.4	55.4	13.0	65	18.3	46.1	7.8	38	3.3	1971
25	51.1	10.6	55.4	13.0	70	21.1	46.7	8.2	40	4.4	1971
26	50.4	10.2	54.7	12.6	62	16.7	46.0	7.8	38	3.3	1973
27	50.0	10.0	54.9	12.7	65	18.3	45.0	7.2	36	2.2	1973
28	51.0	10.6	55.9	13.3	72	22.2	46.1	7.8	39	3.9	1971
29	51.5	10.8	56.1	13.4	68	20.0	46.8	8.2	39	3.9	1971
30	51.0	10.6	55.7	13.2	64	17.8	46.3	7.9	40	4.4	1971
31	51.4	10.8	56.7	13.7	65	18.3	46.0	7.8	39	3.9	1971
Monthly	49.1	9.5	53.6	12.0	72	22.2	44.5	6.9	33	0.6	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25 DAILY AVERAGE/EXTREME TEMP MAR 1978

STATION
25704

STATION NAME
ADAK, ALASKA

YEARS
1950-1977

MONTH
AUGUST

DAY	MEAN TEMP		MAXIMUM TEMP		MINIMUM TEMP		DATE
	AVERAGE ° F	AVERAGE ° C	AVERAGE ° F	EXTREME ° F	AVERAGE ° F	EXTREME ° F	
1	52.4	11.3	57.8	67	46.9	39	1958
2	51.7	10.9	56.5	68	46.9	39	1970*
3	51.8	11.0	56.2	68	47.4	43	1956
4	51.6	10.9	56.1	71	47.1	41	1956
5	51.9	11.1	56.4	68	47.3	41	1970*
6	51.2	10.7	55.7	65	46.7	41	1969
7	51.7	10.9	56.8	74	46.6	41	1969
8	51.8	11.0	56.6	75	47.0	40	1956
9	52.8	11.6	57.6	73	48.1	41	1956
10	52.0	11.1	56.4	67	47.6	40	1969
11	51.8	11.0	55.9	63	47.6	42	1967
12	51.9	11.1	56.8	63	46.9	39	1974*
13	51.9	11.1	56.2	66	47.6	43	1953
14	51.5	10.8	55.9	74	47.2	40	1969
15	51.5	10.8	56.1	68	47.0	38	1963
16	50.8	10.4	55.4	64	46.1	39	1958
17	50.7	10.4	55.7	65	45.7	36	1973
18	51.3	10.7	55.7	69	46.9	38	1953
19	51.7	10.9	56.2	69	47.2	42	1969
20	51.9	11.1	56.0	71	47.7	39	1953
21	51.4	10.8	55.6	63	47.1	39	1969
22	51.5	10.8	55.7	66	47.2	39	1955*
23	50.7	10.4	54.9	64	46.4	35	1953
24	50.7	10.4	55.2	63	46.2	34	1973
25	51.1	10.6	55.2	65	46.9	33	1969
26	50.7	10.4	54.9	71	46.5	41	1953
27	50.2	10.1	54.5	61	45.8	40	1962
28	49.4	9.7	53.3	59	45.3	40	1961
29	49.7	9.8	53.8	60	45.6	40	1950
30	50.1	10.1	54.4	61	45.9	40	1960
31	50.7	10.4	54.4	61	47.0	43	1962
Monthly	51.3	10.7	55.7	75	46.8	33	1956

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION

ADAK, ALASKA

1950-1977

SEPTEMBER

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	50.4	10.2	54.5	12.5	66	18.9	66	18.9	46.4	8.0	42	5.6	1972
2	49.8	9.9	53.7	12.1	62	16.7	62	16.7	45.8	7.7	40	4.4	1962
3	49.6	9.8	54.3	12.4	62	16.7	62	16.7	44.9	7.2	37	2.8	1971
4	49.8	9.9	54.2	12.3	59	15.0	59	15.0	45.3	7.4	38	3.3	1970
5	49.7	9.8	54.2	12.3	64	17.8	64	17.8	45.3	7.4	37	2.8	1970*
6	48.9	9.4	53.5	11.9	59	15.0	59	15.0	44.4	6.9	34	1.1	1962
7	49.2	9.6	53.9	12.2	64	17.8	64	17.8	44.5	6.9	33	0.6	1964
8	48.6	9.2	53.3	11.8	64	17.8	64	17.8	43.8	6.6	35	1.7	1976
9	48.1	8.9	52.2	11.2	59	15.0	59	15.0	43.9	6.6	35	1.7	1967
10	47.8	8.8	51.8	11.0	58	14.4	58	14.4	43.8	6.6	35	1.7	1968
11	48.3	9.1	52.7	11.5	62	16.7	62	16.7	43.9	6.6	36	2.2	1965
12	47.8	8.8	52.0	11.1	56	13.3	56	13.3	43.6	6.4	32	0.0	1969
13	48.6	9.2	52.8	11.6	61	16.1	61	16.1	44.5	6.9	37	2.8	1971
14	47.9	8.8	51.8	11.0	57	13.9	57	13.9	44.1	6.7	36	2.2	1964
15	47.8	8.8	51.5	10.8	56	13.3	56	13.3	44.1	6.7	35	1.7	1964
16	48.4	9.1	52.3	11.3	62	16.7	62	16.7	44.5	6.9	39	3.9	1962*
17	48.2	9.0	52.1	11.2	58	14.4	58	14.4	44.3	6.8	36	2.2	1962
18	47.5	8.6	51.6	10.9	60	15.6	60	15.6	43.4	6.3	35	1.7	1972
19	46.9	8.3	51.2	10.7	55	12.8	55	12.8	42.5	5.8	32	0.0	1952
20	47.0	8.3	51.1	10.6	56	13.3	56	13.3	42.8	6.0	35	1.7	1973*
21	47.6	8.7	50.6	10.3	57	13.9	57	13.9	44.6	7.0	40	4.4	1962
22	47.5	8.6	50.8	10.4	55	12.8	55	12.8	44.2	6.8	39	3.9	1967
23	47.5	8.6	51.5	10.8	56	13.3	56	13.3	43.6	6.4	35	1.7	1969
24	47.1	8.4	51.3	10.7	56	13.3	56	13.3	42.9	6.1	32	0.0	1969
25	47.1	8.4	51.9	11.1	57	13.9	57	13.9	42.3	5.7	35	1.7	1958*
26	47.3	8.5	51.4	10.8	63	17.2	63	17.2	43.2	6.2	31	-0.6	1958
27	46.0	7.8	50.2	10.1	57	13.9	57	13.9	41.7	5.4	28	-2.2	1958
28	46.4	8.0	50.5	10.3	57	13.9	57	13.9	42.3	5.7	34	1.1	1965
29	45.9	7.7	49.6	9.8	59	15.0	59	15.0	42.1	5.6	34	1.1	1975
30	45.5	7.5	49.8	9.9	54	12.2	54	12.2	41.2	5.1	31	-0.6	1972
31													
Monthly	47.9	8.8	52.1	11.2	66	18.9	66	18.9	43.8	6.6	28	-2.2	1958

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25704

ADAK, ALASKA

STATION NAME

YEARS

1950-1977

OCTOBER

MONTH

DAY	MEAN TEMP		AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	°F	°C	°F	°C	°F	°C			°F	°C	°F	°C		
1	45.4	7.4	49.7	9.8	55	12.8	1959*		41.1	5.1	32	0.0	1972	
2	46.1	7.8	50.4	10.2	61	16.1	1960		41.7	5.4	32	0.0	1961	
3	45.3	7.4	49.7	9.8	55	12.8	1967*		40.9	4.9	35	1.7	1964	
4	45.3	7.4	49.0	9.4	53	11.7	1973*		41.5	5.3	32	0.0	1961	
5	44.7	7.1	48.6	9.2	55	12.8	1973		40.8	4.9	29	-1.7	1961	
6	44.6	7.0	49.4	9.7	56	13.3	1973		39.7	4.3	30	-1.1	1972	
7	44.8	7.1	49.3	9.6	58	14.4	1973		40.2	4.6	32	0.0	1961	
8	44.3	6.8	48.6	9.2	57	13.9	1975		40.0	4.4	31	-0.6	1934	
9	44.3	6.8	47.9	8.8	55	12.8	1968		40.7	4.8	32	0.0	1969	
10	44.6	7.0	48.1	8.9	56	13.3	1968		41.0	5.0	34	1.1	1974	
11	44.2	6.8	48.0	8.9	59	15.0	1956		40.4	4.7	34	1.1	1967	
12	43.6	6.4	47.8	8.8	57	13.9	1956		39.3	4.1	34	1.1	1974*	
13	42.9	6.1	47.3	8.5	59	15.0	1958		38.6	3.7	34	1.1	1965	
14	42.1	5.6	46.2	7.9	51	10.6	1977		38.0	3.3	33	0.6	1973	
15	42.1	5.6	46.0	7.8	52	11.1	1970*		38.3	3.5	34	1.1	1969*	
16	42.6	5.9	46.7	8.2	51	10.6	1970*		38.5	3.6	32	0.0	1977	
17	42.9	6.1	46.7	8.2	54	12.2	1961		39.0	3.9	28	-2.2	1964	
18	42.0	5.6	46.1	7.8	53	11.7	1964		37.9	3.3	30	-1.1	1966	
19	41.1	5.1	45.8	7.7	52	11.1	1960		36.4	2.4	29	-1.7	1966*	
20	41.5	5.3	45.9	7.7	52	11.1	1969*		37.1	2.8	31	-0.6	1953	
21	41.1	5.1	45.1	7.3	55	12.8	1956		37.2	2.9	27	-2.8	1962	
22	40.5	4.7	44.8	7.1	49	9.4	1970		36.3	2.4	27	-2.8	1962	
23	40.1	4.5	44.3	6.8	54	12.2	1952		35.8	2.1	29	-1.7	1968*	
24	41.3	5.2	45.2	7.3	52	11.1	1977*		37.4	3.0	28	-2.2	1968	
25	41.0	5.0	44.9	7.2	60	15.6	1964		37.0	2.8	26	-3.3	1968	
26	40.1	4.5	44.1	6.7	49	9.4	1972*		36.1	2.3	22	-5.6	1968	
27	39.6	4.2	43.7	6.5	52	11.1	1970		35.5	1.9	31	-0.6	1974*	
28	39.4	4.1	42.7	5.9	46	7.8	1977*		36.0	2.2	26	-3.3	1967	
29	39.7	4.3	43.1	6.2	46	7.8	1970*		36.2	2.3	28	-2.2	1966	
30	39.3	4.1	43.1	6.2	52	11.1	1967		35.5	1.9	27	-2.8	1966	
31	38.9	3.8	42.6	5.9	50	10.0	1970		35.2	1.8	26	-3.3	1966	
Monthly	42.4	5.8	46.5	8.1	61	16.1	1960		38.4	3.6	22	-5.6	1968	

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

25704

ADAK, ALASKA

STATION NAME

1950-1977

YEARS

NOVEMBER

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		MINIMUM TEMP		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C	° F	° C		
1	38.6	3.7	42.6	5.9	51	10.6	34.5	1.4	28	-2.2	1965	1962	34.5	1.4	28	-2.2	1965	1962		
2	38.7	3.7	42.8	6.0	49	9.4	34.6	1.4	30	-1.1	1965	1969	34.6	1.4	30	-1.1	1965	1969		
3	39.6	4.2	43.1	6.2	53	11.7	36.0	2.2	30	-1.1	1964	1972*	36.0	2.2	30	-1.1	1964	1972*		
4	39.0	3.9	43.2	6.2	50	10.0	34.9	1.6	27	-2.8	1969	1960	34.9	1.6	27	-2.8	1969	1960		
5	38.9	3.8	43.2	6.2	51	10.6	34.7	1.5	26	-3.3	1971	1973	34.7	1.5	26	-3.3	1971	1973		
6	38.7	3.7	42.7	5.9	54	12.2	34.6	1.4	29	-1.7	1964	1961	34.6	1.4	29	-1.7	1964	1961		
7	37.6	3.1	41.8	5.4	48	8.9	33.5	0.8	28	-2.2	1964	1969	33.5	0.8	28	-2.2	1964	1969		
8	38.2	3.4	41.9	5.5	48	8.9	34.6	1.4	26	-3.3	1966*	1976	34.6	1.4	26	-3.3	1966*	1976		
9	37.3	2.9	41.3	5.2	47	8.3	33.4	0.8	18	-7.8	1967	1976	33.4	0.8	18	-7.8	1967	1976		
10	38.6	3.7	42.3	5.7	55	12.8	35.0	1.7	23	-5.0	1967*	1964	35.0	1.7	23	-5.0	1967*	1964		
11	37.7	3.2	41.9	5.5	47	8.3	33.4	0.8	22	-5.6	1967	1950	33.4	0.8	22	-5.6	1967	1950		
12	37.7	3.2	42.2	5.7	49	9.4	33.3	0.7	22	-5.6	1965*	1950	33.3	0.7	22	-5.6	1965*	1950		
13	38.3	3.5	42.3	5.7	50	10.0	34.4	1.3	26	-3.3	1965*	1964	34.4	1.3	26	-3.3	1965*	1964		
14	37.4	3.0	41.1	5.1	51	10.6	33.6	0.9	21	-6.1	1950	1964	33.6	0.9	21	-6.1	1950	1964		
15	37.8	3.2	42.1	5.6	54	12.2	33.4	0.8	16	-8.9	1970	1964	33.4	0.8	16	-8.9	1970	1964		
16	36.8	2.7	40.9	4.9	57	13.9	32.7	0.4	16	-8.9	1970	1971	32.7	0.4	16	-8.9	1970	1971		
17	36.4	2.4	40.6	4.8	50	10.0	32.1	0.1	19	-7.2	1965	1962	32.1	0.1	19	-7.2	1965	1962		
18	36.5	2.5	40.8	4.9	48	8.9	33.1	0.1	20	-6.7	1951	1962	33.1	0.1	20	-6.7	1951	1962		
19	36.8	2.7	40.3	4.6	48	8.9	33.3	0.7	27	-2.8	1961	1958*	33.3	0.7	27	-2.8	1961	1958*		
20	36.2	2.3	39.9	4.4	46	7.8	32.4	0.2	27	-2.8	1973*	1964*	32.4	0.2	27	-2.8	1973*	1964*		
21	36.3	2.4	40.2	4.6	50	10.0	32.4	0.2	24	-4.4	1965	1961	32.4	0.2	24	-4.4	1965	1961		
22	36.2	2.3	40.2	4.6	55	12.8	32.2	0.1	16	-8.9	1970	1972	32.2	0.1	16	-8.9	1970	1972		
23	35.6	2.0	39.9	4.4	54	12.2	31.2	-0.4	13	-10.6	1970	1972	31.2	-0.4	13	-10.6	1970	1972		
24	35.2	1.8	39.0	3.9	56	13.3	31.5	-0.3	19	-7.2	1970	1962	31.5	-0.3	19	-7.2	1970	1962		
25	35.6	2.0	39.5	4.2	55	12.8	31.7	-0.2	18	-7.8	1970	1972	31.7	-0.2	18	-7.8	1970	1972		
26	35.5	1.9	38.9	3.8	51	10.6	32.0	0.0	19	-7.2	1970	1968	32.0	0.0	19	-7.2	1970	1968		
27	35.6	2.0	39.4	4.1	47	8.3	31.9	-0.1	23	-5.0	1960	1953	31.9	-0.1	23	-5.0	1960	1953		
28	35.3	1.8	39.4	4.1	46	7.8	31.1	-0.5	19	-7.2	1973*	1953	31.1	-0.5	19	-7.2	1973*	1953		
29	35.9	2.2	39.4	4.1	54	12.2	32.4	0.2	12	-11.1	1961	1969	32.4	0.2	12	-11.1	1961	1969		
30	35.7	2.1	39.4	4.1	49	9.4	32.0	0.0	23	-5.0	1970	1958	32.0	0.0	23	-5.0	1970	1958		
31																				
Monthly	37.1	2.8	41.1	5.1	57	13.9	33.2	0.7	12	-11.1	1970	1969	33.2	0.7	12	-11.1	1970	1969		

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

25704 ADAQ, ALASKA STATION NAME 1950-1977 YEARS DECEMBER MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C			°F	°C	°F	°C				
1	36.2	2.3	39.9	4.4	53	11.7	1970	32.5	0.3	22	-5.6	1958	32.5	0.3	22	-5.6	1958			
2	35.9	2.2	39.7	4.3	45	7.2	1955	32.0	0.0	25	-3.9	1965*	32.0	0.0	25	-3.9	1965*			
3	35.1	1.7	39.2	4.0	47	8.3	1952	31.0	-0.6	16	-8.9	1969	31.0	-0.6	16	-8.9	1969			
4	35.4	1.9	39.6	4.2	48	8.9	1950	31.2	-0.4	15	-9.4	1969	31.2	-0.4	15	-9.4	1969			
5	35.4	1.9	38.9	3.8	53	11.7	1954	31.8	-0.1	25	-3.9	1967*	31.8	-0.1	25	-3.9	1967*			
6	34.7	1.5	37.7	3.2	44	6.7	1966	31.7	-0.2	22	-5.6	1974	31.7	-0.2	22	-5.6	1974			
7	34.9	1.6	39.2	4.0	55	12.8	1950	30.6	-0.8	13	-10.6	1971	30.6	-0.8	13	-10.6	1971			
8	34.3	1.3	38.6	3.7	51	10.6	1950	30.0	-1.1	21	-6.1	1967	30.0	-1.1	21	-6.1	1967			
9	33.9	1.1	38.1	3.4	45	7.2	1972	29.7	-1.3	13	-10.6	1967	29.7	-1.3	13	-10.6	1967			
10	34.9	1.6	38.6	3.7	49	9.4	1957	31.1	-0.5	19	-7.2	1959	31.1	-0.5	19	-7.2	1959			
11	34.2	1.2	37.7	3.2	44	6.7	1971	30.7	-0.7	21	-6.1	1969	30.7	-0.7	21	-6.1	1969			
12	32.9	0.5	36.7	2.6	43	6.1	1955	29.0	-1.7	21	-6.1	1965*	29.0	-1.7	21	-6.1	1965*			
13	32.7	0.4	37.0	2.8	47	8.3	1968	28.5	-1.9	10	-12.2	1965	28.5	-1.9	10	-12.2	1965			
14	33.8	1.0	37.6	3.1	51	10.6	1968	30.0	-1.1	17	-8.3	1959	30.0	-1.1	17	-8.3	1959			
15	33.6	0.9	37.7	3.2	45	7.2	1970	29.6	-1.3	18	-7.8	1976	29.6	-1.3	18	-7.8	1976			
16	34.4	1.3	38.5	3.6	47	8.3	1971*	30.4	-0.9	12	-11.1	1965	30.4	-0.9	12	-11.1	1965			
17	34.8	1.6	38.1	3.4	46	7.8	1968*	31.5	-0.3	22	-5.6	1954	31.5	-0.3	22	-5.6	1954			
18	34.2	1.2	38.4	3.6	54	12.2	1970	29.9	-1.2	20	-6.7	1960*	29.9	-1.2	20	-6.7	1960*			
19	34.0	1.1	37.6	3.1	52	11.1	1970	30.5	-0.8	20	-6.7	1972	30.5	-0.8	20	-6.7	1972			
20	34.0	1.1	37.8	3.2	47	8.3	1971	30.2	-1.0	20	-6.7	1969	30.2	-1.0	20	-6.7	1969			
21	33.3	0.7	37.1	2.8	48	8.9	1959	29.5	-1.4	14	-10.0	1969	29.5	-1.4	14	-10.0	1969			
22	32.6	0.3	36.5	2.5	46	7.8	1971	28.7	-1.8	13	-10.6	1953	28.7	-1.8	13	-10.6	1953			
23	32.9	0.5	36.5	2.5	43	6.1	1971	29.3	-1.5	17	-8.3	1953	29.3	-1.5	17	-8.3	1953			
24	32.3	0.2	35.8	2.1	42	5.6	1970*	28.8	-1.8	14	-10.0	1952	28.8	-1.8	14	-10.0	1952			
25	32.2	0.1	36.4	2.4	43	6.1	1951	28.0	-2.2	15	-9.4	1974*	28.0	-2.2	15	-9.4	1974*			
26	33.6	0.9	36.9	2.7	45	7.2	1951*	30.2	-1.0	13	-10.6	1953	30.2	-1.0	13	-10.6	1953			
27	33.3	0.7	36.7	2.6	47	8.3	1951	29.9	-1.2	11	-11.7	1976	29.9	-1.2	11	-11.7	1976			
28	34.5	1.4	37.1	2.8	45	7.2	1951	31.9	-0.1	25	-3.9	1958*	31.9	-0.1	25	-3.9	1958*			
29	33.8	1.0	37.3	2.9	43	6.1	1951	30.3	-0.9	20	-6.7	1972	30.3	-0.9	20	-6.7	1972			
30	32.4	0.2	36.1	2.3	42	5.6	1967*	28.6	-1.9	17	-8.3	1972	28.6	-1.9	17	-8.3	1972			
31	32.5	0.3	36.4	2.4	46	7.8	1964	28.5	-1.9	12	-11.1	1974	28.5	-1.9	12	-11.1	1974			
Monthly	34.0	1.1	37.7	3.2	55	12.8	1950	30.2	-1.0	10	-12.2	1965	30.2	-1.0	10	-12.2	1965			

*ALSO ON EARLIER YEARS

EXTREME VALUES

MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION 25704 ADAK, ALASKA STATION NAME YEARS 50-77

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	46	40	43	46	47	62	70	67	55	50		53	53
51	45	46	44	49	47	56	62	63	56	52	48	47	63
52	49	45	47	45	58	56	56	65	58	54	46	47	65
53	42	39	40	47	47	59	63	71	57	52	48	40	71
54	40	42	46	48	49	58	65	66	62	52	48	53	66
55	43	47	46	46	49	53	68	63	56	55	46	45	68
56	47	48	44	46	48	54	66	75	57	59	46	44	75
57	48	45	45	48	51	52	57	63	57	51	46	49	63
58	44	42	46	48	48	56	63	67	58	59	45	43	67
59	45	43	41	48	53	50	62	65	66	55	45	48	66
60	45	42	42	43	46	52	61	61	63	61	51	41	63
61	42	42	43	53	54	57	65	61	60	54	54	45	65
62	47	47	47	56	58	65	72	64	60	54	43	41	72
63	45	41	46	50	52	56	69	70	61	54	50	42	70
64	44	41	48	47	65	58	64	61	61	60	54	47	65
65	46	46	47	52	51	60	68	66	59	52	55	48	68
66	45	44	49	50	52	54	64	65	64	53	50	45	65
67	46	43	51	53	57	63	68	68	59	53	55	46	68
68	50	43	45	47	54	56	65	60	58	56	46	51	65
69	50	50	48	47	51	54	64	74	59	52	51	39	74
70	42	44	46	47	51	58	58	69	58	53	57	54	69
71	48	48	49	48	55	59	57	68	64			47	
72	42	42	45	50	59	59	62	60	58	51	49	45	62
73	47	43	50	45	46	62	60	65	56	58	50	47	65
74	41	45	47	45	49	60	66	63	54	57	47	44	66
75	40	41	39	44	45	54	61	60	55	57	45	46	61
76	42	41	43	44	50	50	58	57	52	48	46	43	58
77	40	38	41	46	52	58	59	61	57	55	48	42	61
MEAN	44.7	43.5	45.3	47.8	51.6	56.8	63.4	64.9	58.6	54.4	48.9	45.9	66.2
S. D.	2.970	2.900	3.017	3.023	4.678	3.791	4.219	4.328	3.237	3.190	3.593	4.025	4.030
TOTAL OBS.	868	791	868	840	868	840	868	868	840	837	780	868	10136

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

ADAK, ALASKA

25704

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

EXTREME VALUES

MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

25704

ADAK, ALASKA

STATION NAME

YEARS

50-77

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	27	22	20	26	29	37	40	44	33	32		19	
51	13	28	23	24	34	36	37	40	38	34	29	24	13
52	23	16	18	26	34	36	38	43	32	35	23	14	14
53	15	19	20	26	29	37	42	42	39	30	19	13	13
54	21	19	19	29	33	35	40	39	39	31	22	19	15
55	17	17	29	27	30	37	38	41	36	29	30	25	17
56	20	26	23	27	30	37	39	40	39	31	23	22	20
57	29	11	15	29	34	38	40	43	32	33	25	20	11
58	13	14	28	28	31	36	38	38	28	31	23	22	13
59	20	17	13	28	34	37	39	41	41	29	28	17	13
60	21	13	29	24	33	37	42	43	39	31	23	20	13
61	20	23	18	27	29	35	38	42	39	29	23	20	18
62	13	17	29	26	37	37	42	43	34	27	19	25	13
63	3	22	24	26	25	35	38	33	37	34	24	19	3
64	13	3	22	21	28	37	37	40	33	28	16	20	3
65	12	6	23	28	28	30	41	43	34	29	26	10	6
66	19	16	22	24	29	36	39	35	36	26	27	20	16
67	9	6	18	25	34	37	42	40	35	26	23	13	6
68	21	22	21	22	31	37	42	36	35	22	19	26	19
69	13	21	24	28	30	30	41	40	32	32	12	14	12
70	10	16	16	26	34	35	40	40	35	36	25	22	10
71	21	6	13	22	20	29	33	37	37			13	
72	17	20	18	26	30	32	40	37	31	30	13	17	13
73	15	10	16	26	29	31	36	41	35	32	26	19	10
74	28	22	24	29	31	33	40	42	36	30	29	12	12
75	6	15	15	29	31	36	36	45	34	33	30	18	6
76	19	22	22	22	30	38	34	43	35	29	18	11	11
77	17	18	21	24	32	36	42	46	38	32	24	25	17
MEAN	17.0	16.6	20.9	25.9	30.7	35.3	39.1	40.8	35.5	30.4	23.0	18.5	12.2
S. D.	6.215	6.291	4.661	2.315	3.312	2.562	2.433	3.193	2.963	3.041	4.829	4.591	4.534
TOTAL OBS.	868	791	868	840	868	840	868	868	840	837	780	868	10136

PSYCHROMETRIC SUMMARY

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ADAK, ALASKA

25704

STATION

1428 2097-54321

JAN

MONTH

YEARS

STATION NAME

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
46/ 45		.2																2	2	4	1
44/ 43		.4																5	5	4	6
42/ 41		.4																5	5	4	25
40/ 39	2.0	.3	.6	.2														40	40	30	30
38/ 37	3.9	2.0	2.1	.2														101	101	56	49
36/ 35	4.0	6.7	4.6	.1														190	190	99	51
34/ 33	4.9	12.2	6.3	.2														293	293	217	82
32/ 31	2.3	11.0	7.3	.1														256	256	254	149
30/ 29	1.0	5.5	3.5	.1														126	126	193	174
28/ 27	1.0	5.3	1.3															95	95	175	153
26/ 25	.9	3.3	.8															62	62	98	133
24/ 23	.2	1.9																26	26	54	123
22/ 21	.6	.8																17	17	31	95
20/ 19	.4	.4																10	10	9	93
18/ 17	.1	.2																3	3	6	49
16/ 15	.2	.2																4	4	4	27
14/ 13																				1	18
12/ 11	.2																	3	3	3	3
10/ 9	.1																	1	1	1	4
8/ 7	.1																	1	1	1	4
6/ 5																					1
TOTAL	21.950	626.6	.9															1240	1240	1240	1240

Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature					Total	
	Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point	ΣX ²	ΣX	X̄	σ _x	No. Obs.		≤ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total	Total
Rel. Hum.	8560049	101943	82.2	12.023	1240	1240	1240	1240	1240			362.4				744.0	744.0
Dry Bulb	1304498	39846	32.1	4.409	1240	1240	1240	1240	1240			498.0				744.0	744.0
Wet Bulb	1176762	37780	30.5	4.553	1240	1240	1240	1240	1240			615.6				744.0	744.0
Dew Point	956216	33578	27.1	6.156	1240	1240	1240	1240	1240							744.0	744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

5000 PSYCHROMETRIC SUMMA JAN 68

25704 AAK, ALASKA 73-77 FEB MONTH
STATION NAME YEARS

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb						
44/ 43		.2																2	2							
42/ 41	.1	.1	.3															5	5	3	2					
40/ 39	.3	1.0	.4	.2														20	20	8	4					
38/ 37	2.0	2.3	1.7	.6														75	75	37	23					
36/ 35	1.9	6.1	4.7	.6														150	150	57	38					
34/ 33	2.2	12.9	7.1	.1														251	251	177	44					
32/ 31	3.3	10.2	8.3	.5														251	251	233	132					
30/ 29	1.7	8.3	4.0															157	158	214	153					
28/ 27	2.3	4.3	2.0															97	97	192	143					
26/ 25	.7	3.2	1.5															61	61	96	131					
24/ 23	.4	1.7	.5															30	30	58	126					
22/ 21	.8	.8	.1															19	19	34	128					
20/ 19		.2																2	2	9	89					
18/ 17	.2																	2	2	4	59					
16/ 15	.1	.1																2	2	1	34					
14/ 13	.1																	1	1	2	9					
12/ 11	.1																	1	1	1	6					
10/ 9	.1																	1	1	1	4					
8/ 7																										
6/ 5																										
TOTAL	16.2	51.2	30.5	2.0														1127	1128	1127	1127					

NAWWEASERVCOM

Mean No. of Hours with Temperature

Element (X)	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	90023	79.9	12.158	1127	$\leq 0 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	35747	31.7	4.047	1128	372.3					672.0
Wet Bulb	33576	29.8	4.044	1127	503.9					672.0
Dew Point	29217	25.9	5.625	1127	605.8					672.0

[illegible]

STATION
25704

ADAK, ALASKA

STATION NAME

73-77

YEARS

MAY
MONTH

PSYCHROMETRIC SUMMARY

[illegible]

PSYCHROMETRIC SUMMARY

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ADAK, ALASKA

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HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		D.B./W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb			
60/ 59				.1			.1											2	2			
58/ 57				.1			.1											2	2			
56/ 55			.1	.1		.1												3	3			
54/ 53		.2	.2	.2														3	3	1		
52/ 51			.5	.2	.3													13	13	5		
50/ 49	.3	1.2	2.1	.9	.5													61	61	11		
48/ 47	.1	4.3	3.2	1.3	.5													114	114	32		
46/ 45	1.1	12.1	5.6	1.5	.1													244	244	143		
44/ 43	1.8	14.7	5.2	.3														265	265	256		
42/ 41	2.3	14.0	4.7	.1														254	254	288		
40/ 39	1.6	9.1	2.3															156	156	257		
38/ 37	.8	3.7																55	55	153		
36/ 35	.3	1.2																18	18	39		
34/ 33		.3																4	4	12		
32/ 31		.1																1	1	2		
30/ 29																				1		
28/ 27																				1		
TOTAL	8.4	60.9	24.1	4.9	1.4	.1	.1	.1										1200	1200	1200		

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

25704

ADAK, ALASKA

STATION NAME

73-77

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PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61		.1	.1	.2														4	4	4	1
60/ 59		.1	.2	.1														4	4	4	1
58/ 57	.1	.4	.5	.2	.1													16	16	4	1
56/ 55	.2	1.3	2.0	.3														47	47	15	5
54/ 53	.2	7.2	3.8	.1														139	139	34	20
52/ 51	.2	15.1	7.9	.5														293	293	158	70
50/ 49	.2	20.2	7.3	.2														347	347	274	170
48/ 47	.2	16.0	1.8															224	224	371	271
46/ 45	.3	10.2	.1															132	132	297	341
44/ 43	.6	1.8																29	29	79	277
42/ 41	.2	.2																5	5	7	73
40/ 39																					11
TOTAL	2.172	723.6	1.5	.1														1240	1240	1240	1240
														</							

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	9596173	108803	67.7	6.309	1240	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 93 F	744.0
Dry Bulb	3103210	61944	50.0	2.953	1240						744.0
Wet Bulb	2864960	59512	48.0	2.660	1240						744.0
Dew Point	2677500	57514	46.4	2.822	1240						744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

25704 STATION ADAP, ALASKA 73-77 YEARS SEP MONTH PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb		
56/ 55	.2	.4	.2	.5														16	16	6		
54/ 53	.3	1.9	1.6	.7	.2													56	56	13		
52/ 51	.6	3.7	3.8	2.2	.5													134	134	41		
50/ 49	.6	7.8	6.3	1.5	.1													196	196	98		
48/ 47	.9	12.1	7.8	1.5	.1													269	269	188		
46/ 45	.4	17.2	6.1	.9														295	295	310		
44/ 43	.5	8.6	3.7	1.0														166	166	292		
42/ 41	.3	2.2	1.0															43	43	150		
40/ 39	.3	.7	.1															14	14	69		
38/ 37	.2	.5																8	8	24		
36/ 35		.2																3	3	6		
34/ 33																				3		
32/ 31																						
30/ 29																						
TOTAL	4.7	55.5	30.7	8.3	.8													1200	1200	1200		

Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total	
											≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total		
Rel. Hum.	851	3980	1004	30	83.7	9.527	1200											720.0	
Dry Bulb	269	3534	567	14	47.3	3.309	1200											720.0	
Wet Bulb	243	1678	538	74	44.9	3.293	1200											720.0	
Dew Point	217	1101	508	53	42.4	4.291	1200											720.0	

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

OCT
MONTH

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57		.1																1	1		
56/ 55		.2	.2															5	5	1	
54/ 53		.2	.3	.1														7	7	4	2
52/ 51	.2	1.0	.5	.2														24	24	9	7
50/ 49	.3	1.8	.8	.5	.1													43	43	25	17
48/ 47	.9	3.6	1.7	1.2	.1													93	93	43	34
46/ 45	1.0	5.6	4.3	1.3	.3													155	155	86	43
44/ 43	.8	7.7	6.5	2.4	.1													217	217	119	61
42/ 41	1.2	7.9	8.4	1.9	.2													242	242	195	79
40/ 39	.8	6.4	7.9	2.3	.2													217	217	235	153
38/ 37	.3	6.0	3.0	.3														120	120	207	176
36/ 35	.5	3.0	1.9															66	66	162	170
34/ 33	.3	2.0	.6															37	37	98	153
32/ 31		1.0																12	12	38	128
30/ 29	.1																	1	1	18	96
28/ 27																					73
26/ 25																					35
24/ 23																					9
22/ 21																					3
18/ 17																					1
TOTAL	6.4	46.6	36.0	10.2	.9													1240	1240	1240	1240

NAVWEASERVCOM

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Ref. Hum.	8095105	99277	80.1	10.884	1240	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744.0
Dry Bulb	2216614	52162	42.1	4.248	1240	7.8					744.0
Wet Bulb	1959500	48990	39.5	4.401	1240	33.6					744.0
Dew Point	1657550	44776	36.1	5.731	1240	207.0					744.0

PSYCHROMETRIC SUMMARY

5810

PSYCHROMETRIC SUMMARY

JAN 68

5810

73-77

ADAK, ALASKA

25704

STATION

STATION NAME

DEC

MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45	.1	.1	.1															3	3	1	
44/ 43		.1	.2															4	4	2	
42/ 41	.6	1.0	.6															27	27	10	8
40/ 39	1.3	2.9	1.8	.2														76	76	39	15
38/ 37	.9	7.5	6.7	.6														195	195	67	34
36/ 35	.6	13.2	6.2	.4														253	253	150	63
34/ 33	1.1	11.5	8.7	.2														268	268	308	93
32/ 31	.4	6.5	5.3															151	151	206	206
30/ 29	.6	4.8	4.1															118	118	164	178
28/ 27	.2	4.3	2.1															81	81	122	133
26/ 25	.1	1.1	.3															19	19	104	132
24/ 23	.2	1.0	.1															16	16	28	99
22/ 21	.1	.6																9	10	13	95
20/ 19		.6																8	8	6	82
18/ 17	.2	.3																6	6	12	51
16/ 15	.1	.1																2	2	4	15
14/ 13		.2																3	3	3	17
12/ 11																					14
10/ 9																					2
8/ 7																					1
TOTAL	6.355	936.3	1.5															1239	1240	1239	1239

NAWEASERVCOM

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

Total

≥93 F

≥80 F

≥73 F

≥67 F

≥52 F

≤0 F

248.4

397.5

615.5

1239

1240

1239

1239

744.0

744.0

744.0

PSYCHROMETRIC SUMMARY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

YEARS

ALL
MONTH

PAGE 1
HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
64/ 63				.0			.0											1	1			
62/ 61		.0	.0	.0			.0											5	5			
60/ 59		.0	.0	.0			.0	.0										11	11	2	1	
58/ 57	.0	.1	.1	.0		.0	.0	.0										26	26	5	1	
56/ 55	.0	.3	.4	.2	.0	.0	.0	.0										125	125	30	14	
54/ 53	.0	1.0	.6	.2	.0	.0	.0	.0										281	281	81	46	
52/ 51	.1	2.0	1.5	.4	.1													599	599	279	138	
50/ 49	.2	3.3	2.0	.4	.1													870	870	527	312	
48/ 47	.3	4.3	1.6	.4	.1													988	988	872	537	
46/ 45	.5	5.4	1.7	.4	.0													1167	1167	1193	823	
44/ 43	.7	3.9	1.7	.5	.0													1006	1006	1120	1032	
42/ 41	.9	3.4	2.2	.5	.0													1035	1035	940	939	
40/ 39	1.1	3.9	3.0	.6	.0													1252	1252	1042	927	
38/ 37	1.6	5.3	3.1	.4														1515	1515	1239	1016	
36/ 35	1.2	6.5	3.6	.3														1696	1696	1438	1059	
34/ 33	1.0	6.0	3.9	.1														1618	1618	1881	1127	
32/ 31	.7	3.5	2.8	.1														1041	1041	1403	1499	
30/ 29	.4	2.3	1.5	.0														603	604	1060	1279	
28/ 27	.4	1.6	.6															369	369	716	1044	
26/ 25	.2	.9	.3															192	192	411	832	
24/ 23	.1	.5	.0															97	97	196	644	
22/ 21	.1	.2	.0															53	54	93	545	
20/ 19	.1	.1	.0															24	24	31	381	
18/ 17	.0	.0																13	13	24	218	
16/ 15	.0	.0																8	8	10	97	
14/ 13	.0	.0																4	4	6	49	
12/ 11	.0																	4	4	4	27	
10/ 9	.0																	2	2	2	10	
8/ 7	.0																	1	1	1	6	
6/ 5																					3	
TOTAL	9.6	54.7	30.7	4.5	.4	.0	.0	.0										14606	14606	14606	14606	

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	99710736	1196308	81.9	10.873	14606	≤ 0 F	≥ 0 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	23552317	576767	39.5	7.306	14608				1445.1			8760.0
Wet Bulb	21137047	545525	37.3	7.223	14606				2371.4			8760.0
Dew Point	18131770	499490	34.2	8.480	14606				3977.1			8760.0

NAVWEASERVCOM

1278 2097-54321

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25704 ADAK, ALASKA

73-77

STATION NAME

YEARS

HRS.(L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	31.2 4.803 155	31.0 4.049 141	32.5 3.904 155	34.1 3.142 150	36.7 2.547 155	41.5 2.971 150	46.0 3.096 155	48.6 2.457 155	45.8 3.135 150	41.1 4.266 155	36.6 3.912 150	33.0 4.671 155	38.2 6.992 1826
04	31.5 4.999 155	30.7 4.223 141	32.4 4.140 155	33.9 3.186 150	36.7 2.600 155	41.1 2.803 150	45.8 3.133 155	48.4 2.625 155	45.7 3.186 150	40.8 4.285 155	36.5 3.903 150	33.1 4.412 155	38.1 6.966 1826
07	31.5 4.823 155	30.4 4.511 141	32.5 4.208 155	34.1 3.350 150	37.7 2.634 155	42.3 2.555 150	46.6 2.851 155	48.5 2.500 155	45.6 3.155 150	40.8 4.063 155	36.6 3.690 150	33.1 4.650 155	38.4 7.072 1826
10	32.2 4.308 155	32.2 3.583 141	34.4 3.614 155	36.7 2.937 150	40.0 2.413 155	44.8 3.150 150	49.2 3.195 155	51.0 2.621 155	48.7 2.656 150	43.2 3.902 155	37.8 3.458 150	33.8 4.418 155	40.4 7.423 1826
13	33.9 3.446 155	33.6 3.343 141	35.4 3.661 155	37.8 3.034 150	41.4 2.971 155	46.4 3.384 150	50.7 3.587 155	52.1 2.848 155	49.9 2.619 150	44.4 3.933 155	39.0 3.226 150	34.9 3.542 155	41.7 7.366 1826
16	33.2 3.437 155	33.1 3.427 141	35.1 3.628 155	37.6 3.077 150	41.0 2.777 155	46.0 3.252 150	50.4 3.510 155	52.1 2.621 155	49.2 2.706 150	43.7 3.999 155	38.0 3.287 150	34.3 3.942 155	41.2 7.461 1826
19	32.1 3.950 155	31.5 3.752 141	33.2 3.577 155	35.8 2.835 150	39.0 2.479 155	44.0 2.778 150	48.5 2.942 155	50.1 2.369 155	47.0 2.571 150	41.5 3.761 155	37.0 3.435 150	33.3 4.477 155	39.5 7.193 1826
22	31.6 4.587 155	30.9 4.210 141	32.6 3.720 155	34.4 3.033 150	37.4 2.587 155	42.1 2.660 150	46.6 2.706 155	48.9 2.418 155	46.1 2.930 150	41.1 4.094 155	36.6 3.642 150	33.2 4.556 155	38.5 6.992 1826
ALL HOURS	32.1 4.410 1240	31.7 4.048 1128	33.5 3.980 1240	35.6 3.427 1200	38.7 3.165 1240	43.5 3.524 1200	48.0 3.644 1240	50.0 2.954 1240	47.3 3.310 1200	42.1 4.248 1240	37.3 3.669 1200	33.6 4.385 1240	39.5 7.307 14608

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25704 AODAK, ALASKA

73-77

STATION	HRS. (L.S.T.)	STATION NAME												YEARS											
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL											
01	MEAN	29.8	29.3	30.9	32.2	35.0	40.0	44.4	47.0	43.9	38.9	34.5	31.0	36.5										36.5	
	S. D.	4.929	4.131	4.123	3.663	2.902	3.080	3.095	2.389	3.495	4.545	4.000	4.640	7.092										7.092	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826										1826	
04	MEAN	29.9	29.0	30.8	32.1	34.9	39.8	44.3	46.8	43.9	38.7	34.4	31.0	36.3										36.3	
	S. D.	5.059	4.248	4.249	3.626	2.926	2.861	3.131	2.441	3.408	4.595	4.044	4.460	7.077										7.077	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826										1826	
07	MEAN	29.9	28.8	30.8	32.4	35.9	40.8	45.1	47.0	43.9	38.7	34.6	31.0	36.6										36.6	
	S. D.	4.962	4.569	4.299	3.757	3.003	2.644	2.627	2.341	3.252	4.361	3.932	4.709	7.193										7.193	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826										1826	
10	MEAN	30.5	30.3	32.3	34.1	37.5	42.3	46.7	48.8	46.1	40.5	35.6	31.7	38.1										38.1	
	S. D.	4.396	3.751	3.862	3.434	2.592	2.827	3.070	2.458	2.830	4.144	3.787	4.508	7.300										7.300	
	TOTAL OBS	155	140	155	150	155	150	155	155	150	155	150	154	1824										1824	
13	MEAN	31.8	31.3	32.9	35.1	38.3	43.3	47.6	49.6	46.6	41.0	36.3	32.6	38.9										38.9	
	S. D.	3.750	3.275	3.834	3.381	2.816	2.931	3.063	2.572	2.751	4.064	3.515	3.837	7.151										7.151	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826										1826	
16	MEAN	31.3	30.8	32.6	34.7	37.8	43.0	47.3	49.5	46.1	40.6	35.6	31.8	38.5										38.5	
	S. D.	3.871	3.474	3.848	3.422	2.747	2.877	3.021	2.490	2.860	4.132	3.475	4.028	7.260										7.260	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826										1826	
19	MEAN	30.5	29.7	31.4	33.4	36.5	41.8	45.9	48.1	44.5	39.0	34.8	31.2	37.3										37.3	
	S. D.	4.241	3.832	3.916	3.359	2.712	2.691	2.739	2.397	3.049	4.197	3.659	4.528	7.151										7.151	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826										1826	
22	MEAN	30.0	29.2	30.9	32.4	35.4	40.5	44.8	47.2	44.1	38.8	34.5	31.2	36.6										36.6	
	S. D.	4.702	4.301	3.904	3.528	2.928	2.794	2.702	2.347	3.237	4.428	3.851	4.483	7.076										7.076	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826										1826	
ALL HOURS	MEAN	30.5	29.8	31.6	33.3	36.4	41.4	45.8	48.0	44.9	39.5	35.0	31.4	37.3										37.3	
	S. D.	4.554	4.045	4.085	3.691	3.085	3.103	3.199	2.660	3.293	4.401	3.832	4.427	7.223										7.223	
	TOTAL OBS	1240	1127	1240	1200	1240	1200	1240	1240	1200	1240	1200	1239	14606										14606	

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25704 ADAK, ALASKA

73-77

STATION

STATION NAME

YEARS

HRS.(L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN 26.6 S. D. 6.258 TOTAL OBS 155	25.6 5.587 141	27.8 5.553 155	28.7 5.426 150	32.3 4.217 155	38.2 3.631 150	42.7 3.656 155	45.7 2.612 155	41.8 4.664 150	35.9 5.846 155	31.1 5.165 150	27.1 6.043 155	33.7 8.377 1826
04	MEAN 26.6 S. D. 6.547 TOTAL OBS 155	25.6 5.731 141	27.4 5.799 155	28.8 5.332 150	32.2 4.196 155	38.2 3.333 150	42.8 3.751 155	45.5 2.634 155	41.9 4.275 150	35.7 5.774 155	31.0 5.159 150	27.2 5.972 155	33.6 8.380 1826
07	MEAN 26.5 S. D. 6.616 TOTAL OBS 155	25.2 6.152 141	27.5 5.747 155	29.1 5.534 150	33.2 4.367 155	38.9 3.372 150	43.5 3.423 155	45.8 2.625 155	42.0 4.080 150	35.7 5.699 155	31.3 5.223 150	27.1 6.186 155	33.9 8.565 1826
10	MEAN 27.2 S. D. 5.902 TOTAL OBS 155	26.5 5.471 140	28.6 5.608 155	29.9 5.437 150	33.9 4.124 155	39.5 3.748 150	44.4 4.101 155	47.0 2.788 155	43.5 3.967 150	37.0 5.566 155	32.2 5.155 150	27.8 6.150 154	34.9 8.551 1824
13	MEAN 28.0 S. D. 5.811 TOTAL OBS 155	26.9 5.133 141	28.7 5.524 155	30.6 5.529 150	34.1 4.337 155	39.7 4.042 150	44.6 4.029 155	47.6 2.842 155	43.3 4.195 150	36.8 5.650 155	32.1 5.158 150	28.4 5.699 155	35.1 8.469 1826
16	MEAN 27.6 S. D. 5.835 TOTAL OBS 155	26.4 5.326 141	28.3 5.563 155	30.1 5.508 150	33.4 4.464 155	39.6 4.061 150	44.3 3.977 155	47.4 2.855 155	42.8 4.114 150	36.6 5.633 155	32.1 4.736 150	27.3 5.705 155	34.7 8.543 1826
19	MEAN 27.2 S. D. 5.996 TOTAL OBS 155	25.8 5.552 141	27.8 5.573 155	29.3 5.339 150	32.7 4.199 155	39.1 3.687 150	43.4 3.702 155	46.3 2.824 155	41.9 4.304 150	35.5 5.803 155	31.4 5.062 150	27.1 6.110 155	34.0 8.428 1826
22	MEAN 26.8 S. D. 6.212 TOTAL OBS 155	25.4 5.902 141	27.6 5.445 155	28.8 5.345 150	32.6 4.186 155	38.5 3.518 150	42.9 3.362 155	46.0 2.614 155	41.8 4.395 150	35.6 5.788 155	31.2 5.124 150	27.2 5.942 155	33.7 8.402 1826
ALL HOURS	MEAN 27.1 S. D. 6.156 TOTAL OBS 1240	25.9 5.625 1127	28.0 5.606 1240	29.4 5.457 1200	33.0 4.305 1240	39.0 3.717 1200	43.6 3.817 1240	46.4 2.823 1240	42.4 4.291 1200	36.1 5.732 1240	31.6 5.106 1200	27.4 5.976 1239	34.2 8.481 14606

RELATIVE HUMIDITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

PERIOD

JAN
MONTHCUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	01	100.0	100.0	100.0	100.0	100.0	99.4	84.5	66.5	29.7	83.5	155
	04	100.0	100.0	100.0	100.0	100.0	98.7	81.3	59.4	29.7	82.7	155
	07	100.0	100.0	100.0	100.0	100.0	96.8	80.0	59.4	34.8	82.5	155
	10	100.0	100.0	100.0	100.0	100.0	96.8	78.1	57.4	36.1	82.7	155
	13	100.0	100.0	100.0	100.0	99.4	92.9	67.7	51.0	29.0	79.9	155
	16	100.0	100.0	100.0	100.0	100.0	97.4	74.2	50.3	25.8	80.4	155
	19	100.0	100.0	100.0	100.0	99.4	97.4	84.5	60.6	31.0	82.8	155
	22	100.0	100.0	100.0	100.0	100.0	96.8	86.5	61.9	29.7	83.2	155
TOTALS		100.0	100.0	100.0	100.0	99.9	97.0	79.6	58.3	30.7	82.2	1240

RELATIVE HUMIDITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

PERIOD

MAR
MONTH

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	01	100.0	100.0	100.0	100.0	100.0	100.0	89.0	56.1	27.7	83.2	155
	04	100.0	100.0	100.0	100.0	100.0	98.7	83.9	56.8	27.7	82.6	155
	07	100.0	100.0	100.0	100.0	100.0	99.4	85.8	58.7	25.2	82.5	155
	10	100.0	100.0	100.0	100.0	100.0	97.4	73.5	47.7	23.2	79.9	155
	13	100.0	100.0	100.0	100.0	100.0	94.2	62.6	38.7	18.1	77.1	155
	16	100.0	100.0	100.0	100.0	100.0	93.5	63.9	40.0	17.4	77.1	155
	19	100.0	100.0	100.0	100.0	100.0	97.4	80.6	51.6	21.3	80.8	155
	22	100.0	100.0	100.0	100.0	100.0	99.4	85.2	52.3	25.2	82.1	155
TOTALS		100.0	100.0	100.0	100.0	100.0	97.5	78.1	50.2	23.2	80.7	1240

2

MONTH
JUN

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

TOTALS

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD RECORDING COMPANY, U. S. A.

AUG
MONTH

73-77

PERIOD

ADAK, ALASKA

STATION NAME

25704

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.5	43.2	89.7	155
	04	100.0	100.0	100.0	100.0	100.0	100.0	99.4	93.5	49.7	89.8	155
	07	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.5	50.3	90.4	155
	10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	73.5	26.5	86.3	155
	13	100.0	100.0	100.0	100.0	100.0	100.0	97.4	69.0	21.9	84.9	155
	16	100.0	100.0	100.0	100.0	100.0	100.0	96.1	65.2	19.4	84.3	155
	19	100.0	100.0	100.0	100.0	100.0	100.0	99.4	80.6	27.1	86.8	155
	22	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.5	45.2	89.9	155
TOTALS		100.0	100.0	100.0	100.0	100.0	100.0	99.0	83.0	35.4	87.8	1240

RELATIVE HUMIDITY

25704

ADAK, ALASKA

STATION NAME

73-77

PERIOD

SEP

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	01	100.0	100.0	100.0	100.0	100.0	98.7	94.7	76.0	35.3	86.4	150
	04	100.0	100.0	100.0	100.0	100.0	100.0	95.3	82.7	32.0	87.0	150
	07	100.0	100.0	100.0	100.0	100.0	100.0	98.7	78.7	39.3	87.5	150
	10	100.0	100.0	100.0	100.0	100.0	98.7	90.7	57.3	20.0	82.6	150
	13	100.0	100.0	100.0	100.0	100.0	96.0	74.0	40.7	17.3	78.8	150
	16	100.0	100.0	100.0	100.0	100.0	96.0	83.3	38.0	15.3	79.1	150
	19	100.0	100.0	100.0	100.0	100.0	100.0	92.7	58.0	18.7	82.8	150
	22	100.0	100.0	100.0	100.0	100.0	100.0	95.3	70.0	27.3	85.3	150

RELATIVE HUMIDITY

25704
STATION

ADAK, ALASKA

STATION NAME

73-77

PERIOD

OCT
MONTH

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	01	100.0	100.0	100.0	100.0	100.0	97.4	85.2	59.4	20.6	82.3	155
	04	100.0	100.0	100.0	100.0	100.0	98.7	85.2	61.3	18.1	82.3	155
	07	100.0	100.0	100.0	100.0	100.0	98.7	85.2	58.7	24.5	82.7	155
	10	100.0	100.0	100.0	100.0	100.0	94.8	76.6	47.1	14.8	79.6	155
	13	100.0	100.0	100.0	100.0	99.4	89.0	63.2	32.3	12.3	75.4	155
	16	100.0	100.0	100.0	100.0	99.4	91.0	71.0	39.4	11.6	76.9	155
	19	100.0	100.0	100.0	99.4	99.4	96.1	80.0	51.6	16.1	79.8	155
	22	100.0	100.0	100.0	100.0	99.4	96.1	86.5	52.9	21.9	81.4	155
TOTALS		100.0	100.0	100.0	99.9	99.7	95.2	79.1	50.3	17.5	80.1	1240

RELATIVE HUMIDITY

25704
STATION

ADAK, ALASKA

ADAK, ALASKA

73-77

PERIOD

DEC
MONTH

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	01	100.0	100.0	100.0	100.0	100.0	96.1	78.7	51.0	13.5	79.2	155
	04	100.0	100.0	100.0	100.0	100.0	97.4	79.4	50.3	12.3	79.5	155
	07	100.0	100.0	100.0	100.0	100.0	95.5	78.7	50.3	12.9	79.3	155
	10	100.0	100.0	100.0	100.0	100.0	95.5	72.7	48.1	16.2	79.0	154
	13	100.0	100.0	100.0	100.0	100.0	92.3	68.4	41.9	14.8	77.5	155
	16	100.0	100.0	100.0	100.0	100.0	92.9	69.0	37.4	9.7	76.2	155
	19	100.0	100.0	100.0	100.0	100.0	95.5	77.4	47.1	14.8	78.4	155
	22	100.0	100.0	100.0	100.0	100.0	97.4	75.5	51.0	12.9	78.9	155
TOTALS		100.0	100.0	100.0	100.0	100.0	95.3	75.0	47.1	13.4	78.5	1239

RELATIVE HUMIDITY

STATION 25704 ADAK, ALASKA STATION NAME PERIOD 73-77 MONTH ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.9	97.0	79.6	58.3	30.7	82.2	1240
FEB		100.0	100.0	100.0	100.0	99.7	94.4	75.5	49.0	24.8	79.9	1127
MAR		100.0	100.0	100.0	100.0	100.0	97.5	78.1	50.2	23.2	80.7	1240
APR		100.0	100.0	100.0	100.0	99.5	93.3	72.2	48.1	20.7	79.1	1200
MAY		100.0	100.0	100.0	100.0	99.8	95.1	79.4	54.9	19.0	80.6	1240
JUN		100.0	100.0	100.0	99.8	99.5	97.2	91.3	69.8	29.9	84.6	1200
JUL		100.0	100.0	100.0	99.6	99.2	98.6	93.6	74.2	27.7	85.3	1240
AUG		100.0	100.0	100.0	100.0	100.0	100.0	99.0	83.0	35.4	87.8	1240
SEP		100.0	100.0	100.0	100.0	100.0	98.7	90.6	62.7	25.7	83.7	1200
OCT		100.0	100.0	100.0	99.9	99.7	95.2	79.1	50.3	17.5	80.1	1240
NOV		100.0	100.0	100.0	100.0	99.8	97.2	81.3	50.5	17.1	80.4	1200
DEC		100.0	100.0	100.0	100.0	100.0	95.3	75.0	47.1	13.4	78.5	1239
TOTALS		100.0	100.0	100.0	99.9	99.8	96.6	82.9	58.2	23.8	81.9	14606

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

STATION NAME **ADAK, ALASKA** STATION **25704** YEARS **JANUARY 1973-DECEMBER 1977** MONTH **JANUARY** ALL HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	9.1	20.2	20.0	3.8	7.3	9.4	14.4	3.9	12.0	124.0	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

25704
STATION

ADAK, ALASKA

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

MONTH

FEBRUARY

ALL

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41	1.0	2.1	4.2	11.5	35.4	50.0	50.0	6.3	3.1	6	5
32 TO 36	14.6	14.3	11.4	5.1	12.7	14.6	21.9	9.0	4.7	96	8.5
27 TO 31	16.9	18.4	13.0	3.4	3.1	7.3	15.4	9.0	10.2	553	49.0
22 TO 26	23.3	20.4	2.9		1.9	1.0	18.6	17.5	23.3	354	31.4
17 TO 21							9.7	9.1	81.8	103	9.1
12 TO 16							9.1		75.0	11	1.0
7 TO 11							25.0		100.0	4	.4
2 TO 6										1	.1
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	14.7	14.8	10.3	4.5	10.4	10.2	16.6	9.5	9.0	1128	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

25704

ADAK, ALASKA

JANUARY 1973-DECEMBER 1977

MARCH

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41	4.5	13.1	6.7	3.7	20.0	53.3	13.3	6.7		15	1.2
32 TO 36	13.8	13.6	11.2	5.2	14.7	30.2	18.8	1.2	.8	245	19.8
27 TO 31	25.9	20.9	11.7	1.7	11.4	14.2	21.8	5.5	3.3	669	54.0
22 TO 26	29.7	17.2			2.9	2.5	17.6	11.3	5.4	239	19.3
17 TO 21		50.0			1.6	3.1	7.8	26.6	14.1	64	5.2
12 TO 16						12.5		12.5	25.0	8	.6
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	14.6	15.2	11.0	3.9	9.9	15.0	19.4	6.9	3.9	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

25704
STATION

ADAK, ALASKA

STATION NAME

WIND DIRECTION

JANUARY 1973-DECEMBER 1977

YEARS

MONTH

ALL

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +										
117 TO 121										
112 TO 116										
107 TO 111										
102 TO 106										
97 TO 101										
92 TO 96										
87 TO 91										
82 TO 86										
77 TO 81										
72 TO 76										
67 TO 71										
62 TO 66										
57 TO 61										
52 TO 56										
47 TO 51										
42 TO 46										
37 TO 41	11.2	8.4	11.9	9.5	16.7	28.6	4.8		42	3.5
32 TO 36	19.0	12.9	8.4	3.8	18.2	29.2	6.2	1.4	418	34.8
27 TO 31	17.8	16.9	12.4	3.9	6.9	18.3	14.4	6.0	612	51.0
22 TO 26			2.5	2.5	5.1	6.8	26.3	19.5	118	9.8
17 TO 21					20.0	10.0		70.0	10	.8
12 TO 16										
7 TO 11										
2 TO 6										
-3 TO 1										
-8 TO -4										
-13 TO -9										
-18 TO -14										
-23 TO -19										
-28 TO -24										
-33 TO -29										
-38 TO -34										
-43 TO -39										
-48 TO -44										
-53 TO -49										
-58 TO -54										
-59 & LWR										
TOTALS	15.3	11.2	9.9	3.9	10.7	9.4	21.3	6.1	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

ADAK, ALASKA

29704
STATION

JANUARY 1973-DECEMBER 1977

MAY

ALL

HOURS (L.G.T.)

STATION NAME

YEARS

MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	ESE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51	6.3	6.3		6.3	25.0	25.0	31.3			16	1.3
42 TO 46	4.9	5.8	13.0	3.1	16.1	17.0	35.9	2.7	1.3	223	18.0
37 TO 41	14.7	10.2	11.1	4.4	8.6	13.5	25.2	8.3	4.1	687	55.4
32 TO 36	16.6	10.4	8.5	1.6	4.6	7.5	31.9	11.7	7.2	307	24.8
27 TO 31	42.9							42.9	14.3	7	.6
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	13.5	9.4	10.6	3.5	9.1	12.7	28.7	8.2	4.4	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

25704

ADAK, ALASKA

STATION

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

JUNE

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WINW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	14.1	17.2	13.0	4.8	13.8	10.7	18.7	1.6	6.3	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

ADAK, ALASKA

JANUARY 1973-DECEMBER 1977

JULY

ALL

HOURS (L.S.T.)

STATION NAME

YEARS

MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66					50.0	50.0				2	.2
57 TO 61	8.3	16.7	16.7	33.3	33.3	16.7	25.0			12	1.0
52 TO 56	1.5	11.7	13.3	6.1	23.5	12.8	26.5	2.6	2.0	196	15.8
47 TO 51	4.7	10.8	12.1	7.0	15.5	14.6	27.2	2.3	5.9	336	44.8
42 TO 46	9.2	11.0	10.5	3.6	5.1	14.3	34.7	3.1	8.5	447	36.0
37 TO 41	8.0	8.0	4.0		8.0	32.0	28.0		12.0	25	2.0
32 TO 36									100.0	2	.2
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	5.9	10.8	11.5	5.4	13.1	14.6	29.7	2.6	6.5	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

25704
STATION

ADAK, ALASKA

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61	4.2	16.7	12.5	25.0	20.8	12.5	8.3			24	1.9
52 TO 56	4.9	4.9	14.4	10.8	23.3	14.1	22.2	1.6	3.8	369	29.8
47 TO 51	8.7	8.1	8.1	6.0	13.1	22.2	23.5	4.0	6.5	681	54.9
42 TO 46	6.0	9.0	2.4	1.2	6.6	23.5	37.3	3.0	10.8	166	13.4
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	7.1	7.4	9.3	7.2	13.4	19.8	24.7	3.1	6.1	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

25704

ADAK, ALASKA

STATION

STATION NAME

JANUARY 1973-DECEMBER 1977

ALL

MONTH

YEARS

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56	10.1	5.1	6.5	4.3	29.7	20.3	18.1	2.2	3.6	138	11.5
47 TO 51	16.9	6.9	5.1	5.3	15.6	13.3	28.7	5.6	2.6	333	44.4
42 TO 46	22.6	8.0	5.7	2.3	5.3	13.3	25.7	6.4	10.7	487	40.6
37 TO 41	15.4	2.6			2.6	12.8	23.1	5.1	38.5	39	3.3
32 TO 36							33.3		66.7	3	.3
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	18.3	7.0	5.3	3.8	12.6	14.1	26.1	5.5	7.3	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

25704
STATION

ADAK, ALASKA

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

OCTOBER

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56	3.8	6.2	8.2	4.8	46.2	42.3	7.7	6.2	3.4	1	.1
47 TO 51	13.0	6.9	6.7	2.0	19.2	17.8	21.2	10.5	2.0	26	2.1
42 TO 46	20.2	10.1	11.4	2.7	2.2	19.0	22.8	14.1	9.2	146	11.8
37 TO 41	20.1	15.6	1.8			10.1	20.1	14.7	17.4	304	40.6
32 TO 36	23.9	28.6				8.3	18.3			447	36.0
27 TO 31	57.1					14.3				109	8.8
22 TO 26										7	.6
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	19.5	8.7	7.8	2.5	8.1	15.2	20.8	11.4	6.0	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

25704
STATION

ADAK, ALASKA
STATION NAME

JANUARY 1973-DECEMBER 1977
YEARS

NOVEMBER
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46	1.5	1.5	3.0	.8	33.3	37.6	66.7	2.3	1.5	133	.3
37 TO 41	11.2	11.9	6.4	1.1	29.3	13.3	22.6	10.1	2.5	563	11.1
32 TO 36	19.7	15.0	3.6	1.5	5.1	9.4	30.6	9.8	6.3	447	8.9
27 TO 31	14.9	12.8			2.1	6.4	29.8	12.8	38.3	47	3.9
22 TO 26							42.9		57.1	7	.6
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	13.3	11.8	4.7	1.1	11.4	14.2	28.8	9.2	5.5	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

ADAK, ALASKA

29704

STATION

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

DECEMBER

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46			5.6	44.4	33.3	5.6	11.1			18	1.5
37 TO 41	4.2	6.3	34.1	9.8	21.3	11.1	8.7	1.4	3.1	287	23.1
32 TO 36	9.5	9.6	17.6	5.2	9.6	15.8	21.2	6.5	4.9	613	49.4
27 TO 31	20.9	15.5	1.6	.4	1.9	6.2	19.0	22.1	12.4	258	20.8
22 TO 26	2.5	2.5	5.0			15.0	15.0	10.0	50.0	40	3.2
17 TO 21			5.3		5.3	21.1	15.8		52.6	19	1.5
12 TO 16						20.0			80.0	5	.4
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	10.1	9.5	17.3	5.6	10.6	12.7	17.3	8.5	8.5	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

ADAK, ALASKA

25704

JANUARY 1973-DECEMBER 1977

ALL

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

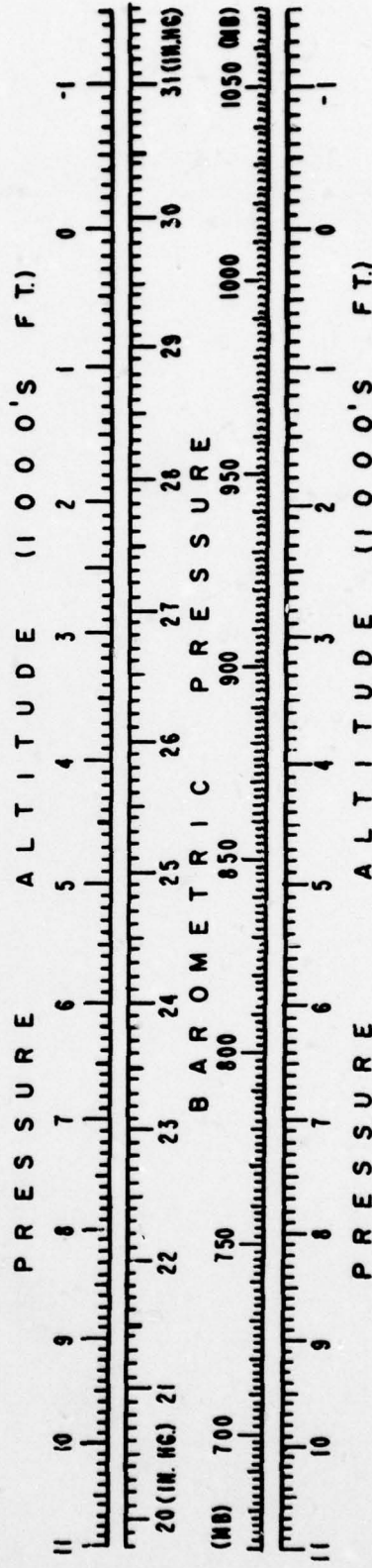
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66	4.9	9.8	12.2	17.1	50.0	50.0	12.2			2	.0
57 TO 61	4.8	6.5	12.0	8.0	29.3	14.6	22.2	1.9	3.3	41	.3
52 TO 56	10.1	8.5	9.1	6.0	15.3	16.5	26.0	3.9	4.8	749	5.1
47 TO 51	13.0	9.7	9.1	3.7	11.4	16.8	25.8	4.7	5.9	2114	14.5
42 TO 46	12.2	11.1	12.3	4.0	12.1	14.1	22.7	6.8	4.6	2716	18.6
37 TO 41	14.3	14.6	13.0	4.0	8.3	10.9	20.2	8.3	6.4	3259	22.3
32 TO 36	18.8	17.8	9.7	1.7	2.5	6.4	17.8	13.1	12.1	3994	27.3
27 TO 31	20.0	17.5	2.2		2.5	4.0	10.5	14.2	29.2	1334	9.1
22 TO 26	7.3	1.8			3.6	9.1	16.4	7.3	54.5	325	2.2
17 TO 21						7.1	14.3		78.6	55	.4
12 TO 16									100.0	14	.1
7 TO 11										5	.0
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	12.9	11.9	10.9	4.2	11.0	13.2	22.2	6.9	6.8	14608	100.0

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

73-77

ADAK, ALASKA

25704

HRS. (L.S.T.)	STATION NAME												ANNUAL
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
01	MEAN	29.451	29.509	29.600	29.793	29.883	29.866	29.810	29.880	29.725	29.636	29.399	29.693
	S. D.	.428	.459	.460	.354	.298	.250	.256	.309	.445	.465	.475	.417
	TOTAL OBS	155	141	155	150	150	155	155	150	155	150	155	1826
04	MEAN	29.445	29.504	29.595	29.778	29.871	29.853	29.798	29.868	29.712	29.630	29.387	29.683
	S. D.	.428	.457	.458	.358	.295	.249	.255	.309	.450	.458	.469	.416
	TOTAL OBS	155	141	155	150	150	155	155	150	155	150	155	1826
07	MEAN	29.438	29.504	29.599	29.780	29.879	29.859	29.802	29.869	29.710	29.633	29.383	29.685
	S. D.	.430	.454	.462	.366	.295	.248	.256	.314	.446	.453	.463	.417
	TOTAL OBS	155	141	155	150	150	155	155	150	155	150	155	1826
10	MEAN	29.457	29.520	29.616	29.787	29.886	29.865	29.806	29.878	29.731	29.651	29.400	29.697
	S. D.	.435	.452	.466	.371	.294	.246	.258	.316	.435	.452	.464	.415
	TOTAL OBS	155	141	155	150	150	155	155	150	155	150	155	1826
13	MEAN	29.438	29.518	29.621	29.779	29.883	29.864	29.798	29.866	29.721	29.635	29.391	29.690
	S. D.	.441	.450	.463	.370	.295	.246	.257	.321	.430	.458	.465	.416
	TOTAL OBS	155	141	155	150	150	155	155	150	155	150	155	1826
16	MEAN	29.425	29.504	29.594	29.767	29.874	29.858	29.788	29.853	29.713	29.622	29.382	29.679
	S. D.	.444	.449	.468	.364	.298	.243	.259	.323	.419	.465	.466	.416
	TOTAL OBS	155	141	155	150	150	155	155	150	155	150	155	1826
19	MEAN	29.436	29.517	29.599	29.773	29.872	29.859	29.790	29.863	29.724	29.633	29.389	29.685
	S. D.	.442	.449	.468	.358	.297	.242	.261	.320	.418	.469	.469	.415
	TOTAL OBS	155	141	155	150	150	155	155	150	155	150	155	1826
22	MEAN	29.442	29.526	29.610	29.788	29.890	29.872	29.810	29.882	29.730	29.644	29.392	29.698
	S. D.	.442	.447	.470	.353	.299	.244	.260	.320	.427	.469	.469	.417
	TOTAL OBS	155	141	155	150	150	155	155	150	155	150	155	1826
ALL HOURS	MEAN	29.442	29.513	29.604	29.781	29.880	29.862	29.800	29.870	29.721	29.635	29.390	29.689
	S. D.	.435	.451	.463	.361	.295	.245	.257	.316	.433	.460	.466	.416
	TOTAL OBS	1240	1128	1240	1200	1240	1240	1240	1200	1240	1200	1240	14608

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

25704 ADAK, ALASKA

73-77

STATION

STATION NAME

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	997.8 14.479 155	999.8 15.540 141	1004.1 16.248 155	1009.4 11.975 150	1008.3 10.570 155	1012.4 10.088 155	1011.9 8.464 155	1010.0 8.670 155	1012.3 10.456 150	1007.1 15.054 155	11004.0 15.761 150	996.0 16.085 155	1006.1 14.164 1826
04	997.6 14.493 155	999.6 15.483 141	1002.6 15.547 155	1008.8 12.131 150	1007.9 10.739 155	1012.0 9.993 150	1011.4 8.442 155	1009.4 8.638 155	1011.9 10.461 150	1006.6 15.213 155	11003.9 15.494 150	995.6 15.869 155	1005.6 14.071 1826
07	997.4 14.578 155	999.4 15.385 141	1002.4 15.627 155	1008.9 12.406 150	1008.2 10.959 155	1012.3 9.969 150	1011.6 8.407 155	1009.7 8.684 155	1012.0 10.648 150	1006.8 15.088 155	11003.9 15.344 150	995.5 15.714 155	1005.7 14.128 1826
10	998.0 14.715 155	1000.1 15.290 141	1003.4 15.787 155	1009.4 12.528 150	1008.4 10.854 155	1012.5 9.943 150	1011.8 8.356 155	1009.8 8.734 155	1012.2 10.711 150	1007.3 14.748 155	11004.6 15.310 150	996.1 15.689 155	1006.1 14.053 1826
13	997.4 14.954 155	1000.1 15.256 141	1003.3 15.872 155	1008.9 12.517 150	1008.5 10.453 155	1012.4 9.978 150	1011.8 8.322 155	1009.6 8.696 155	1011.8 10.880 150	1006.9 14.535 155	11004.0 15.489 150	996.4 16.411 155	1005.9 14.120 1826
16	996.9 14.984 155	999.6 15.207 141	1002.6 15.877 155	1008.5 12.201 150	1008.4 10.090 155	1012.1 9.963 150	1011.6 8.231 155	1009.2 8.747 155	1011.4 10.918 150	1006.7 14.184 155	11003.6 15.756 150	995.3 15.778 155	1005.5 14.064 1826
19	997.3 14.981 155	1000.0 15.143 141	1002.8 15.843 155	1008.7 12.127 150	1008.5 10.147 155	1012.1 10.053 150	1011.6 8.171 155	1009.2 8.837 155	1011.7 10.819 150	1007.0 14.152 155	11004.0 15.886 150	995.7 15.882 155	1005.7 14.040 1826
22	997.5 14.957 155	1000.4 15.121 141	1003.2 15.887 155	1009.2 11.961 150	1009.0 10.361 155	1012.6 10.099 150	1012.0 8.247 155	1010.0 8.812 155	1012.4 10.820 150	1007.2 14.478 155	11004.3 15.880 150	995.8 15.878 155	1006.1 14.131 1826
ALL HOURS	997.5 14.731 1240	999.9 15.259 1128	1003.1 15.800 1240	1009.0 12.199 1200	1008.4 10.500 1240	1012.3 9.984 1200	1011.7 8.309 1240	1009.6 8.707 1240	1012.0 10.689 1200	1006.9 14.647 1240	11004.0 15.573 1200	995.8 15.873 1240	1005.9 14.095 14608